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Surface Water Data

Atlantic Provinces

Données sur les eaux de surface

Provinces de l'Atlantique

1988

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1989

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1989

90-00294/

Published by authority of
the Minister of the Environment

Publié avec l'autorisation
du ministre de l'Environnement

©Minister of Supply and Services Canada 1989

Cat. No. En 36-405/1988

ISBN 0-662-56763-3

©Ministre des Approvisionnements et
Services Canada 1989

N° de cat. En 36-405/1988

ISBN 0-662-56763-3

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Dartmouth, Nova Scotia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Dartmouth (Nouvelle-Écosse).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1988 calendar year, the results of the hydrometric survey investigations which were made in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
5th Floor, Queen Square,
45 Alderney Drive,
Dartmouth, Nova Scotia.
B2Y 2N6
(902 426-5776)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1988, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice Queen Square, 5e étage
45, prom. Alderney
Dartmouth (Nouvelle-Écosse)
B2Y 2N6
(902 426-5776)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1988, the hydrometric surveys in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island were conducted by the Water Survey of Canada under individual co-operative arrangements with each provincial government or its agency. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Nova Scotia, from 1915 to 1919, hydrometric investigations were conducted by the Dominion Water Power Branch in co-operation with the Nova Scotia Water Power Commission. A similar co-operative arrangement was made in 1918 with the Province of New Brunswick. On May 1, 1919, new agreements were made between the Government of Canada the Provinces of New Brunswick and Nova Scotia and an initial agreement made with the Province of Prince Edward Island whereby the Dominion Water Power Branch, which later became the Dominion Water and Power Bureau, assumed responsibility for basic water resources investigations in the three provinces. Although these arrangements were terminated on March 31, 1933, work was continued by the federal government under letter arrangements with the Provinces of New Brunswick and Nova Scotia. Work was discontinued in the Province of Prince Edward Island in 1933.

A new agreement with the Province of New Brunswick came into effect on April 1, 1951, and in 1961, a further agreement for the extension of hydrometric coverage was concurred in. A new agreement with the Province of Prince Edward Island was made in 1961 and hydrometric records were commenced in August. A co-operative agreement covering hydrometric surveys in Newfoundland and Labrador was ratified by both governments on March 24, 1950.

Co-operative agreements were negotiated with the four provinces (implementation date in each case was April 1, 1975) and signed by Prince Edward Island January 28, 1975, New Brunswick February 24, 1975, Newfoundland and Labrador February 25, 1975, and Nova Scotia April 28, 1975. The agreements provide that water quantity surveys will be continued by the federal government on a shared cost basis.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1988, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard en vertu d'accords conclus avec chaque province ou un de ses organismes provinciaux. Les autorités provinciales ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

De 1915 à 1919, la Direction fédérale de l'énergie hydraulique et la *Nova Scotia Water Power Commission* ont entrepris des recherches hydrométriques en Nouvelle-Écosse. La Direction a signé une entente semblable en 1918 avec le Nouveau-Brunswick. Le 1er mai 1919, le gouvernement du Canada a conclu de nouveaux accords avec le Nouveau-Brunswick et la Nouvelle-Écosse et un premier accord avec l'Île-du-Prince-Édouard, aux termes desquels la Direction fédérale de l'énergie hydraulique, devenue plus tard le Bureau fédéral de l'eau et de l'énergie, assumait la responsabilité des études de base sur les ressources en eau des trois provinces. Les accords ont pris fin le 31 mars 1933; toutefois, en vertu de lettres d'entente, le gouvernement fédéral a continué d'exécuter les observations pour les provinces du Nouveau-Brunswick et de la Nouvelle-Écosse. Il a dû abandonner les recherches relatives à l'Île-du-Prince-Édouard, en 1933.

Un nouvel accord avec le Nouveau-Brunswick est entré en vigueur le 1er avril 1951, suivi, en 1961, d'un autre qui visait à en élargir la portée. En 1961, le gouvernement fédéral a signé un nouvel accord avec la province de l'Île-du-Prince-Édouard, et les relevés hydrométriques ont débuté en août de la même année. Les deux paliers de gouvernement ont conclu un accord pour les relevés hydrométriques à Terre-Neuve et au Labrador le 24 mars 1950.

Le gouvernement fédéral a signé des accords (qui sont tous entrés en vigueur le 1er avril 1975) avec l'Île-du-Prince-Édouard, le 28 janvier 1975; avec le Nouveau-Brunswick, le 24 février 1975; avec la Terre-Neuve et le Labrador, le 25 février 1975; et avec la Nouvelle-Écosse, le 28 avril 1975. Selon les dispositions des accords, le gouvernement fédéral s'occupera du programme de relevés hydrométriques dans chacune des provinces et partagera avec elle le coût des mesures.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Direction des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of National Defence.

Provincial – Newfoundland Department of Environment;
Newfoundland and Labrador Hydro Corporation;
New Brunswick Electric Power Commission;
New Brunswick Department of Environment;
Nova Scotia Department of Lands and Forests;
Nova Scotia Department of Environment;
Nova Scotia Power Corporation;
Prince Edward Island Department of Community Affairs;
Quebec Department of the Environment.

Municipal – City of Fredericton, New Brunswick;
City of Charlottetown, Prince Edward Island.

Private – *In Newfoundland* – Bowater Power Company Limited, Deer Lake Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd., Price (Newfoundland) Pulp and Paper Co. Ltd., Churchill Falls (Labrador) Corporation Ltd.
In New Brunswick – Consolidated-Bathurst Company Limited, Fraser Companies Limited.
In Main, U.S.A. – The Georgia-Pacific Corporation.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère de la Défense nationale.

Niveau provincial – Ministère de l'Environnement de Terre-Neuve,
Hydro-Terre-Neuve et Labrador,
Commission de l'énergie électrique du Nouveau-Brunswick,
Ministère de l'Environnement du Nouveau-Brunswick,
Ministère des Terres et Forêts de la Nouvelle-Écosse,
Ministère de l'Environnement de la Nouvelle-Écosse,
Nova Scotia Power Corporation,
Ministère des Affaires communautaires de l'Île-du-Prince-Édouard,
Ministère de l'Environnement du Québec.

Niveau municipal – Ville de Fredericton, Nouveau-Brunswick,
Ville de Charlottetown,
Île-du-Prince-Édouard.

Secteur privé – À Terre-Neuve – *Bowater Power Company Limited, Deer Lake Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd*, Société des pâtes et papiers Price (Terre-Neuve), et *Churchill Falls (Labrador) Corporation Ltd.*
Au Nouveau-Brunswick – *Consolidated-Bathurst Company Limited, Fraser Companies Limited.*
Dans le Maine (États-Unis) – *Georgia-Pacific Corporation.*

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

NEWFOUNDLAND AND LABRADOR

ALEXIS RIVER NEAR PORT HOPE SIMPSON - STATION NO. 03OC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.0B	11.4 B	7.55B	13.0 B	37.0B	133	82.9	21.0	15.1	28.5	33.7	20.3B	1
2	21.3B	11.2 B	7.45B	12.8 B	55.0B	112	78.5	19.9	14.2	30.1	28.1	19.8B	2
3	20.9B	11.0 B	7.40B	12.7 B	86.0B	124	73.8	20.2	14.5	31.9	27.7	19.3B	3
4	20.3B	10.8 B	7.35B	12.4 B	125 B	127	69.3	18.4	15.8	76.0	67.4	18.8B	4
5	19.8B	10.7 B	7.30B	12.0 B	151	125	81.4	18.7	15.1	89.1	73.6	18.4B	5
6	19.5B	10.5 B	7.21B	11.8 B	158	155	80.5	13.8	15.8	57.3	56.9	18.0B	6
7	19.0B	10.3 B	7.15B	11.5 B	169	196	83.1	14.0	24.5	52.0	53.7	17.8B	7
8	18.8B	10.2 B	7.10B	11.2 B	176	249	82.8	18.4	20.7	48.5	47.2	17.2B	8
9	18.1B	10.0 B	7.05B	10.8 B	183	220	85.8	18.4	17.5	47.4	46.7	16.8B	9
10	17.8B	9.80B	7.00B	10.6 B	244	189	88.0	18.8	18.1	48.8	38.5	16.9B	10
11	17.3B	9.65B	7.90B	10.3 B	370	131	81.2	36.3	28.7	53.8	33.8	16.0B	11
12	17.0B	9.55B	8.70B	10.0 B	484	107	58.8	42.2	127	79.8	29.0B	15.7B	12
13	16.8B	9.40B	9.80B	9.80B	443	97.8	78.8	32.8	137	107	27.2B	15.2B	13
14	16.3B	9.25B	10.1 B	9.80B	488	73.7	73.8	28.4	122	94.8	26.0B	14.8B	14
15	15.9B	9.10B	9.90B	9.40B	557	83.5	83.1	23.3	122	78.1	25.0B	14.8B	15
16	15.8B	9.00B	9.80B	9.20B	483	88.4	88.3	21.1	86.8	88.8	24.0B	14.2B	16
17	16.3B	8.90B	9.80B	9.00B	384	87.7	80.8	20.4	77.0	84.8	23.0B	13.8B	17
18	14.9B	8.75B	9.30B	8.90B	370	82.0	85.8	20.2	81.8	83.3	25.5B	13.5B	18
19	14.7B	8.80B	9.00B	8.70B	328	86.4	86.8	32.3	80.4	82.7	26.7B	13.2B	19
20	14.4B	8.90B	8.90B	8.90B	383	81.8	86.8	38.5	42.8	87.8	27.3B	13.0B	20
21	14.1B	8.40B	8.70B	8.40B	484	38.8	87.8	35.3	37.7	73.7	28.5B	12.7B	21
22	13.8B	8.28B	8.60B	8.20B	392	78.5	48.7	32.8	34.2	76.0	25.7B	12.3B	22
23	13.5B	8.18B	8.41B	8.10B	327	180	45.4	27.2	32.4	88.1	25.1B	12.1B	23
24	13.3B	8.05B	8.20B	8.00B	282	179	44.8	23.9	30.4	89.8	24.3B	11.9B	24
25	13.0B	7.99B	8.05B	8.50B	271	143	40.5	21.5	30.5	81.2	23.7B	11.7B	25
26	12.8B	7.90B	7.98B	9.70B	237	112	37.4	19.0	28.7	82.1	23.2B	11.3B	26
27	12.5B	7.80B	8.00B	12.0 B	286	97.4	33.4	17.7	30.1	88.8	22.8B	11.1B	27
28	12.3B	7.85B	8.20B	14.5 B	276	92.0	28.1	16.5	35.7	82.5	21.8B	10.9B	28
29	12.0B	7.65B	10.5 B	17.5 B	223	91.2	27.5	16.0	33.8	46.7	21.5B	10.6B	29
30	11.8B		11.7 B	25.0 B	177	93.7	26.0	16.2	28.5	42.2	20.8B	10.5B	30
31	11.7B		12.7 B		143		22.7	15.9		38.6		10.3B	31
TOTAL	486.1	288.6B	287.87	331.80	8 733.8	3 395.7	1 849.8	703.1	1 382.9	1 848.1	861.8	482.5	TOTAL
MEAN	16.0	9.26	8.63	11.1	282	113	83.2	22.7	46.4	88.8	32.7	14.8	MEAN
MAX	21.9	11.4	12.7	25.0	557	249	82.9	42.2	137	107	73.8	20.3	MAX
MIN	11.7	7.65	7.00	8.00	37.8	38.8	22.7	13.8	14.2	28.5	20.8	10.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.0
MAXIMUM DAILY, 557 ON MAY 15
MINIMUM DAILY, 7.00B ON MAR 10
MAXIMUM INSTANTANEOUS,
579 AT 15:02 AST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 57 N
LONG 56 52 17 W
DRAINAGE AREA, 2 310 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 900	JUL	143 000
FEB	23 200	AUG	60 700
MAR	23 100	SEP	115 000
APR	28 700	OCT	180 000
MAY	755 000	NOV	84 800
JUN	293 000	DEC	39 100

TOTAL DISCHARGE, 1 770 000 dam³

ASHUANIPI RIVER AT MENIHEK RAPIDS - STATION NO. 03BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	191	101	93.7	90.8	72.8	1 380	405	380	302	840	337	251	1
2	184	100	94.3	88.7	442	1 210	402	387	304	837	83.4	251	2
3	198	107	88.8	88.8	438	917	388	390	287	834	82.8	250	3
4	187	104	88.0	81.8	428	917	402	387	288	447	80.8	250	4
5	184	103	88.0	83.3	430	917	405	387	285	447	81.4	255	5
6	187	102	---	80.3	428	823	405	384	287	880	87.2	248	6
7	187	104	---	78.8	422	808	405	384	281	391	343	252	7
8	188	103	---	82.7	308	898	402	387	281	394	348	254	8
9	187	103	---	80.8	303	812	278	348	288	385	345	255	9
10	187	102	---	87.8	418	800	278	351	288	385	348	258	10
11	185	104	---	88.7	882	888	308	351	285	388	342	258	11
12	188	108	---	85.2	848	783	317	351	280	388	354	258	12
13	188	100	88.8	85.5	814	878	309	384	281	394	351	288	13
14	201	102	88.8	81.0	1 080	878	311	384	282	394	351	213	14
15	204	98.8	92.8	78.2	1 220	872	314	381	283	394	345	192	15
16	202	102	81.5	78.2	1 440	878	317	384	283	394	348	207	16
17	197	102	83.4	77.3	1 420	883	314	248	281	381	348	207	17
18	190	101	84.0	82.7	1 420	878	288	284	388	388	343	211	18
19	184	98.0	80.8	85.0	1 410	888	288	281	402	388	343	134	19
20	193	95.7	82.8	88.7	1 380	888	288	284	402	381	381	128	20
21	88.8	88.3	84.0	83.3	1 400	888	288	288	388	384	348	131	21
22	89.4	103	101	88.8	1 430	889	380	282	402	384	381	133	22
23	88.8	108	82.8	80.1	1 470	888	380	203	408	388	381	133	23
24	84.8	102	81.8	77.8	1 480	888	380	188	403	388	384	130	24
25	87.7	102	80.8	78.0	1 800	888	387	187	831	388	384	130	25
26	100	101	88.8	80.4	1 810	884	387	188	831	381	381	127	26
27	88.4	88.3	78.2	80.7	1 800	881	384	200	828	388	344	128	27
28	100	88.8	88.2	78.8	1 480	881	387	188	828	388	348	131	28
29	100	88.1	84.1	78.7	1 480	888	387	187	848	388	380	130	29
30	101		81.2	74.8	1 480	888	384	200	843	381	388	138	30
31	87.7		88.8		1 400		387	200		381		138	31
TOTAL	5 814.2	2 838.8	---	2 487.8	30 810.8	21 783	10 882	8 872	10 887	13 133	8 800.8	8 038	TOTAL
MEAN	182	101	---	82.8	894	728	341	288	383	424	283	185	MEAN
MAX	204	107	---	90.8	1 810	1 380	408	380	848	840	354	258	MAX
MIN	84.8	88.1	---	74.8	72.8	888	288	188	202	388	87.2	127	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1 810 ON MAY 26
MINIMUM DAILY, 87.2 ON NOV 8

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 54 27 18 N
LONG 66 37 30 W
DRAINAGE AREA, 15 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	433 000	JUL	913 000
FEB	254 000	AUG	775 000
MAR	---	SEP	841 000
APR	215 000	OCT	1 130 000
MAY	2 880 000	NOV	734 000
JUN	1 880 000	DEC	822 000

DATA CONTRIBUTED BY -
IRON ORE COMPANY OF CANADA LIMITED

NEWFOUNDLAND AND LABRADOR

ATIKONAK RIVER AT GABBRO LAKE - STATION NO. 03DC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	142	218	778	438	248	1 130	974	437	149	138	484	388	1
2	142	208	785	428	248	1 140	970	424	149	138	484	388	2
3	142	208	783	432	248	1 150	966	436	150	137	379	388	3
4	142	208	736	412	248	1 170	935	431	161	138	384	388	4
5	143	208	718	407	248	1 170	887	432	193	139	438	388	5
6	158	208	708	402	248	1 180	828	434	151	139	438	384	6
7	177	202	881	392	248	1 180	832	432	150	141	588	330	7
8	188	202	880	529	248	1 180	723	430	152	142	881	287	8
9	208	202	888	487	248	1 180	613	432	152	142	881	287	9
10	208	202	881	463	288	1 200	618	430	152	142	881	228	10
11	208	184	840	438	303	1 220	824	430	152	142	889	208	11
12	208	142	829	424	348	1 180	824	332	138	142	888	208	12
13	208	142	818	408	408	1 200	828	288	131	142	887	208	13
14	208	142	808	381	432	1 220	828	288	132	142	484	208	14
15	208	380	887	374	478	1 200	824	288	134	142	488	208	15
16	208	386	886	386	521	1 180	828	288	131	142	386	208	16
17	208	485	870	348	572	1 180	829	288	132	142	388	208	17
18	288	832	858	340	617	1 180	824	148	132	142	386	208	18
19	284	828	848	331	883	1 180	824	148	132	142	386	208	19
20	240	860	843	323	888	1 180	828	148	133	142	385	208	20
21	240	832	832	289	735	1 180	884	148	133	142	386	208	21
22	240	814	822	280	784	1 180	821	148	133	142	388	208	22
23	240	888	811	280	845	1 140	810	148	135	142	386	208	23
24	240	876	800	280	884	1 130	810	148	134	174	388	208	24
25	240	872	488	272	937	1 130	471	147	136	401	388	208	25
26	240	844	484	283	878	1 120	448	148	135	883	385	208	26
27	240	827	478	248	881	1 110	437	147	135	883	385	241	27
28	238	810	488	248	1 030	1 080	437	148	135	883	385	241	28
29	238	783	483	248	1 080	1 020	437	148	135	888	385	241	29
30	238		483	248	1 080	974	440	148	135	870	385	241	30
31	238		447		1 100		434	148		848		241	31
TOTAL	8 488	16 024	18 400	10 771	17 882	34 834	19 848	8 481	4 201	7 478	13 388	7 888	TOTAL
MEAN	208	484	594	388	577	1 180	640	274	140	241	447	284	MEAN
MAX	288	880	778	528	1 100	1 220	974	437	183	870	881	388	MAX
MIN	142	142	447	248	248	974	424	148	121	138	378	208	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 447
MAXIMUM DAILY, 1 220 ON JUN 11
MINIMUM DAILY, 121 ON SEP 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 20 N
LONG 66 23 47 W
DRAINAGE AREA, 21 400 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	881 000	JUL	1 710 000
FEB	1 210 000	AUG	733 000
MAR	1 880 000	SEP	383 000
APR	831 000	OCT	848 000
MAY	1 880 000	NOV	1 130 000
JUN	2 880 000	DEC	882 000

TOTAL DISCHARGE, 14 100 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

REGULATED SINCE 1973

ATIKONAK RIVER AT OBSAKMANUAN LAKE CONTROL STRUCTURE - STATION NO. 03DD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0	0	0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 28 53 N
LONG 64 48 08 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

REGULATED SINCE 1984

BARTLETTS RIVER NEAR ST. ANTHONY - STATION NO. 02YA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1988	0.0988	0.4808	2.38 B	0.818	2.22	0.857	0.238	0.338	0.521	0.893	0.8408	1
2	0.1908	0.0988	0.8408	2.20 B	0.883	2.30	1.02	0.208	0.288	0.814	0.952	0.8408	2
3	0.1858	0.0978	2.88 B	1.88 B	0.880	2.38	1.38	0.187	0.272	0.630	3.17	0.7808	3
4	0.1788	0.0888	2.30 B	1.78 B	0.844	3.12	1.84	0.158	0.266	0.788	3.88	0.7268	4
5	0.1728	0.0948	2.00 B	1.80 B	0.888	3.42	1.47	0.138	0.248	0.789	3.84	0.6708	5
6	0.1888	0.0928	1.78 B	1.40 B	1.01	3.73	1.47	0.125	0.388	0.885	2.81	0.6208	6
7	0.1848	0.0918	1.48 B	1.28 B	1.21	5.24	1.41	0.113	0.348	2.33	2.32	0.5808	7
8	0.1598	0.0908	1.28 B	1.18 B	1.37	5.12	1.33	0.118	0.318	2.88	1.89	0.5408	8
9	0.1558	0.0888	1.14 B	1.10 B	1.81	3.88	1.08	0.102	0.298	2.80	1.68	0.5108	9
10	0.1508	0.0878	1.08 B	1.38 B	2.30	3.04	0.823	0.132	0.284	2.08	1.44	0.4808	10
11	0.1488	0.0888	1.38 B	1.30 B	3.88	2.38	0.818	0.280	0.758	1.84	1.87	0.4488	11
12	0.1458	0.0858	1.78 B	1.20 B	8.08	2.00	0.781	0.264	3.40	1.78	1.78	0.4108	12
13	0.1408	0.0848	1.58 B	1.10 B	7.88	1.78	0.881	0.272	5.28	1.88	1.88	0.3808	13
14	0.1388	0.0838	1.38 B	1.08 B	7.81	1.81	0.828	0.278	5.83	1.48	1.33	0.3888	14
15	0.1358	0.0828	1.18 B	0.9808	8.28	1.27	1.08	0.288	8.27	1.28	1.48	0.3608	15
16	0.1328	0.0818	1.02 B	0.9008	7.44	1.13	1.75	0.278	3.77	1.18	1.88	0.3258	16
17	0.1288	0.0808	0.9008	0.8508	8.73	1.04	2.02	0.261	2.74	0.874	1.81	0.3108	17
18	0.1288	0.0798	0.7808	0.788	8.02	0.948	1.78	0.271	2.00	0.882	1.81	0.2958	18
19	0.1268	0.0788	0.6808	0.877	7.34	0.880	1.38	0.448	1.85	0.830	2.83	0.2808	19
20	0.1228	0.0778	0.6208	0.838	8.18	0.748	1.14	0.718	1.22	0.858	2.73	0.2658	20
21	0.1188	0.0788	0.5808	0.724	12.7	0.738	0.928	0.783	1.03	0.850	2.38	0.2508	21
22	0.1168	0.1218	0.5008	0.839	13.8	0.634	0.788	0.758	0.932	0.814	1.88	0.2488	22
23	0.1158	0.1988	0.4608	0.885	7.12	0.887	0.703	0.700	0.908	0.777	1.58	0.2258	23
24	0.1138	0.1858	0.4708	0.748	8.24	0.888	0.824	0.817	0.835	0.811	1.25 B	0.2188	24
25	0.1118	0.1688	0.5008	0.788	8.78	0.803	0.814	0.530	0.782	0.832	1.12 B	0.2108	25
26	0.1088	0.1508	0.5508	0.742	8.03	0.748	0.450	0.463	0.718	0.885	1.00 B	0.1858	26
27	0.1078	0.1858	0.6408	0.753	8.03	0.894	0.385	0.439	0.671	0.810	0.9408	0.1888	27
28	0.1058	0.2358	0.7508	0.778	4.82	0.672	0.334	0.422	0.614	0.811	0.8808	0.1808	28
29	0.1038	0.3308	0.8108	0.758	4.23	0.854	0.300	0.403	0.582	0.858	1.05 B	0.1718	29
30	0.1028		1.25 B	0.857	3.46	0.828	0.278	0.389	0.582	1.08	0.9908	0.1628	30
31	0.1008		1.84 B		2.77		0.254	0.381		1.05		0.1608	31
TOTAL	4.280	3.383	34.330	33.448	152.712	66.084	30.443	10.744	42.341	38.715	53.945	12.322	TOTAL
MEAN	0.137	0.117	1.11	1.11	4.83	1.87	0.882	0.347	1.41	1.18	1.80	0.387	MEAN
MAX	0.198	0.330	2.88	2.38	12.7	5.24	2.02	0.783	5.83	2.88	3.88	0.940	MAX
MIN	0.100	0.078	0.480	0.838	0.883	0.672	0.254	0.102	0.248	0.814	0.880	0.180	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 12.7 ON MAY 21
MINIMUM DAILY, 0.0788 ON FEB 21
MAXIMUM INSTANTANEOUS,
14.3 AT 03:82 NST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 57 N
LONG 55 38 31 W
DRAINAGE AREA, 33.8 km²

B - ICE CONDITIONS

NATURAL FLOW.

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	388	JUL 2 630	
FEB	283	AUG 928	
MAR 2 870		SEP 3 680	
APR 2 880		OCT 3 170	
MAY 13 200		NOV 4 880	
JUN 4 850		DEC 1 080	

TOTAL DISCHARGE, 40 700 dam³

BAY DU NORD RIVER AT BIG FALLS - STATION NO. 022P001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.88	24.08	223	102	70.8	18.8	42.3	18.8	7.28	8.10	17.0	48.3	1
2	18.38	23.38	247	111	88.4	21.8	40.8	18.7	8.83	7.83	18.8	48.8	2
3	17.88	22.08	281	113	87.1	20.8	84.8	18.3	8.48	7.70	88.1	48.8	3
4	17.78	22.18	231	112	80.1	18.7	88.7	18.3	8.24	7.42	42.8	44.1	4
5	17.38	28.08	243	113	78.0	38.8	82.3	14.8	8.72	11.8	31.8	43.1	5
6	18.88	24.38	237	112	70.8	44.8	80.8	13.7	8.08	28.2	28.2	40.08	6
7	18.88	23.88	208	108	87.7	84.2	48.4	13.3	8.81	20.8	31.3	38.08	7
8	18.38	22.88	188	104	88.0	41.1	47.8	12.8	8.88	18.4	38.8	38.88	8
9	18.08	22.18	177	102	82.8	38.8	47.8	12.4	8.88	13.7	34.4	34.08	9
10	18.88	21.88	180	118	89.1	37.8	45.3	11.8	8.73	13.3	38.3	32.88	10
11	18.88	21.08	201	122	88.2	48.2	42.8	11.8	8.88	13.8	37.2	30.88	11
12	18.28	20.48	188	110	83.8	44.8	40.2	11.1	8.74	14.2	41.8	28.48	12
13	18.08	20.08	180	104	81.0	43.4	38.8	10.8	8.49	14.8	38.8	26.08	13
14	14.88	18.88	148	88.3	48.1	42.0	36.8	11.0	17.8	14.8	38.0	27.08	14
15	14.88	19.08	138	82.8	46.7	40.7	34.1	10.8	18.8	16.7	82.8	26.08	15
16	14.38	44.8	128	87.8	42.4	38.8	32.3	8.88	12.8	17.8	48.4	25.08	16
17	14.08	88.8	113	83.8	38.8	38.3	30.4	8.70	12.1	16.8	42.8	24.48	17
18	13.88	85.8	102	82.2	37.4	37.8	28.1	8.70	10.8	16.8 A	83.0	23.88	18
19	13.78	48.8	82.8	82.0	35.4	37.7	27.8	8.11	8.37	16.0 E	83.4	22.88	19
20	13.88	41.1	88.3	81.8	33.3	38.1	27.0	8.88	8.87	15.8 A	47.8	21.88	20
21	13.28	88.1	78.4	102	31.0	34.7	25.8	8.44	8.73	17.0	48.2	23.08	21
22	13.08	88.8	73.4	84.1	29.7	33.3	24.7	10.0	8.87	17.8	43.08	24.08	22
23	12.88	87.8	88.8	80.3	28.1	32.8	23.7	8.87	8.28	17.0	40.08	23.08	23
24	12.88	82.8	80.4	88.8	28.7	37.2	22.2	8.30	8.12	17.3	38.08	22.38	24
25	12.78	128	88.8	84.8	28.0	36.1	20.8	8.81	8.88	17.2	36.88	21.88	25
26	20.08	87.8	81.4	82.2	28.0	32.8	18.8	8.38	8.00	17.4	38.7	21.08	26
27	40.8	184	48.4	78.7	23.8	31.3	18.8	7.87	7.70	17.4	36.4	20.88	27
28	38.8	285	83.8	77.8	22.7	33.8	17.8	7.78	7.81	17.3	38.8	20.08	28
29	27.0	228	84.1	74.8	21.7	37.0	18.3	7.88	7.80	18.7	84.0	19.78	29
30	28.8		84.0	71.2	20.8	82.0	17.8	7.88	7.88	17.2	82.8	19.38	30
31	26.38		83.7		19.3		17.1	7.88		17.4		19.08	31
TOTAL	548.4	1 788.7	4 280.3	2 883.8	1 408.7	1 057.8	1 084.0	338.84	284.81	478.85	1 202.0	897.8	TOTAL
MEAN	17.7	81.0	138	88.1	45.4	35.8	34.8	11.0	8.48	15.5	40.1	28.8	MEAN
MAX	40.8	285	251	122	88.1	84.2	88.7	18.8	17.8	28.2	88.1	48.8	MAX
MIN	12.7	18.8	48.4	71.2	19.3	18.7	17.1	7.88	8.48	7.42	18.8	18.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.3
MAXIMUM DAILY, 285 ON FEB 28
MINIMUM DAILY, 8.48 ON SEP 13
MAXIMUM INSTANTANEOUS,
308E AT 04:83 NST ON FEB 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 48 N
LONG 55 28 30 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	47 800	JUL	91 100
FEB	153 000	AUG	28 300
MAR	370 000	SEP	32 000
APR	248 000	OCT	41 800
MAY	122 000	NOV	104 000
JUN	94 800	DEC	77 800

TOTAL DISCHARGE, 1 400 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 288 IS DUE TO CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

BIG BROOK AT LEAD COVE - STATION NO. 02ZL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.184	0.136	1.36	0.798	0.884	0.148	0.088	0.080	0.043	0.198	0.185	0.843	1
2	0.178	0.148	1.28	0.686	0.694	0.241	0.840	0.078	0.043	0.218	0.193	0.758	2
3	0.184	0.181	1.28	0.586	0.711	0.293	0.884	0.087	0.040	0.210	0.808	0.680	3
4	0.137	0.208	1.00	0.492	1.09	0.348	0.810	0.081	0.040	0.188	1.08	0.887	4
5	0.134	0.182	1.17	0.482	1.24	0.382	0.418	0.047	0.052	0.187	0.840	0.480	5
6	0.138	0.185	1.82	0.483	1.01	0.374	0.380	0.042	0.080	0.340	0.845	0.480	6
7	0.131	0.173	1.24	0.477	0.818	0.388	0.388	0.038	0.048	0.438	0.808	0.410	7
8	0.125	0.184	1.08	0.448	0.788	0.348	0.341	0.042	0.038	0.418	0.585	0.380	8
9	0.1238	0.134	1.74	0.402	0.607	0.328	0.308	0.047	0.038	0.378	0.548	0.324	9
10	0.1188	0.1288	1.88	0.388	0.702	0.338	0.288	0.048	0.041	0.332	0.532	0.275	10
11	0.1128	0.1168	1.78	0.578	0.844	0.888	0.238	0.044	0.088	0.310	0.848	0.2488	11
12	0.1078	0.1078	2.33	1.40	0.887	0.578	0.220	0.041	0.088	0.348	0.472	0.2308	12
13	0.101	0.0988	1.38	1.20	0.722	0.480	0.210	0.038	0.062	0.384	0.448	0.2108	13
14	0.108	0.144	0.888	0.884	0.818	0.403	0.188	0.048	0.110	0.381	0.480	0.1888	14
15	0.138	0.239	0.882	0.830	0.887	0.337	0.188	0.083	0.178	0.413	0.838	0.312	15
16	0.118	0.288	0.888	0.883	0.809	0.313	0.180	0.082	0.288	0.418	0.808	0.371	16
17	0.114	2.18	0.828	0.882	0.482	0.288	0.143	0.088	0.328	0.432	0.870	0.380	17
18	0.102	2.82	0.418	0.832	0.382	0.287	0.131	0.080	0.330	0.378	0.852	0.384	18
19	0.111	1.84	0.372	0.704	0.308	0.271	0.122	0.081	0.288	0.382	0.478	0.413	19
20	0.108	1.17	0.341	0.878	0.280	0.283	0.128	0.081	0.278	0.308	0.448	0.382	20
21	0.103	1.02	0.320	1.18	0.288	0.210	0.137	0.048	0.238	0.283	0.480	0.428	21
22	0.088	1.02	0.278	1.27	0.238	0.182	0.124	0.048	0.237	0.282	0.881	0.888	22
23	0.0848	0.882	0.231	1.07	0.234	0.188	0.118	0.041	0.200	0.241	0.818	0.707	23
24	0.0808	1.42	0.212	0.880	0.228	0.188	0.118	0.038	0.180	0.348	0.478	0.888	24
25	0.0888	4.80 E	0.198	0.810	0.210	0.147	0.108	0.038	0.148	0.228	0.804	0.808	25
26	0.107	2.74	0.178	0.881	0.192	0.138	0.088	0.038	0.127	0.241	0.488	0.421	26
27	0.227	1.78	0.184	0.809	0.174	0.187	0.098	0.038	0.123	0.228	0.820	0.3888	27
28	0.282	2.88	0.828	0.888	0.139	0.188	0.078	0.044	0.128	0.228	0.782	0.3308	28
29	0.283	2.33	1.18	0.471	0.128	0.173	0.083	0.048	0.140	0.224	0.880	0.3808	29
30	0.207		1.21	0.443	0.124	0.412	0.081	0.047	0.188	0.212	0.811	0.4008	30
31	0.181		0.884		0.118		0.088	0.048		0.201		0.248	31
TOTAL	4.258	28.108	28.411	22.284	18.038	8.778	7.778	1.810	4.098	8.220	17.388	13.281	TOTAL
MEAN	0.137	1.00	0.818	0.742	0.817	0.283	0.281	0.048	0.137	0.287	0.880	0.428	MEAN
MAX	0.282	4.80	2.33	1.40	1.24	0.878	0.888	0.080	0.338	0.438	1.08	0.843	MAX
MIN	0.088	0.088	0.178	0.388	0.118	0.128	0.078	0.035	0.038	0.187	0.188	0.188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.443
MAXIMUM DAILY, 4.80E ON FEB 25
MINIMUM DAILY, 0.035 ON AUG 7
MAXIMUM INSTANTANEOUS,
8.048 AT 14:43 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 02 34 N
LONG 53 05 00 W
DRAINAGE AREA, 11.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	388	JUL	872
FEB	2 510	AUG	130
MAR	2 480	SEP	384
APR	1 920	OCT	787
MAY	1 380	NOV	1 800
JUN	788	DEC	1 180

TOTAL DISCHARGE, 14 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 3.88 IS DUE TO CURVE EXTENSION

BLANCHE BROOK NEAR STEPHENVILLE - STATION NO. 02YJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4858	1.18 B	2.00 B	11.5	15.8	3.40	2.88	2.87	0.471	5.58	2.01	3.58	1
2	0.4808	1.02 B	8.14	9.28	10.1	3.08	3.04	1.76	0.488	4.85	1.80	7.08	2
3	0.4808	0.9508	8.20	7.88	7.88	2.48	3.78	1.28	0.423	8.72	11.2	8.82	3
4	0.4408	1.40 B	8.72	7.07	7.18	1.98	3.30	0.988	0.382	8.73	8.80	4.87	4
5	0.4258	1.85 B	3.88	8.32	9.28	2.88	2.28	0.782	0.518	8.58	4.68	3.81	5
6	0.4108	2.30 B	3.08	10.2	8.88	4.87	1.78	0.578	0.847	15.8	3.18	3.37	6
7	0.4008	1.80 B	2.44	10.7	8.58	4.83	1.87	0.802	0.824	9.88	2.78	3.07	7
8	0.3858	1.10 B	2.11	11.8	8.81	5.18	1.48	0.588	0.810	8.58	3.84	2.87	8
9	0.3858	0.8508	1.85 B	18.0	8.53	3.71	1.09	1.33	0.850	4.84	8.00	2.488	9
10	0.3708	0.7008	1.80	18.3	8.87	2.88	0.788	3.47	2.83	4.80	7.88	2.328	10
11	0.3608	0.5748	8.40	14.2	8.17	2.15	0.878	4.05	12.8	8.08	10.1	2.138	11
12	0.3588	0.5208	7.44	9.09	7.88	1.67	0.802	2.30	8.88	4.08	8.38	2.018	12
13	0.3408	0.4808	5.10	7.17	8.01	1.88	20.2	1.38	5.42	3.07	8.38	1.888	13
14	0.3038	0.4508	3.72	8.38	8.88	1.32	10.5	0.827	20.2	3.12	3.88	1.748	14
15	0.8008	0.4108	3.04	8.88	7.38	1.18	11.7	0.780	10.1	4.80	8.71	1.888	15
16	2.20 B	0.3908	2.48	8.18	4.77	1.08	8.44	0.828	8.08	4.72	8.88	1.548	16
17	1.80 B	0.3708	2.00 B	8.04	3.88	1.04	4.81	0.478	8.00	4.08	8.84	1.478	17
18	1.80 B	0.3508	1.73 B	4.88	8.87	2.38	3.13	0.813	3.81	3.40	25.8	1.388	18
19	1.31 B	0.3308	1.88 B	5.08	8.89	3.28	2.11	0.837	2.88	2.72	14.4	1.328	19
20	1.12 B	0.3158	1.42 B	4.78	5.31	2.24	2.18	1.20	1.84	2.17	7.83	1.288	20
21	1.00 B	0.3008	1.30 B	4.44	4.88	1.78	1.81	1.42	1.88	4.38	8.42	1.218	21
22	0.9008	0.2908	1.18 B	4.23	3.88	1.28	1.18	3.21	1.43	3.15	4.14	1.488	22
23	0.8008	0.2808	1.10 B	4.38	3.03	3.83	1.00	2.88	1.85	2.85	3.34	1.888	23
24	0.7208	0.2688	1.02 B	4.78	2.74	8.88	0.873	1.88	1.87	1.88	2.78	1.888	24
25	0.8408	0.2638	0.9708	5.03	2.84	3.18	0.758	1.02	1.81	1.81	2.72	1.808	25
26	0.7408	0.2528	0.903	8.81	4.28	2.00	0.807	0.838	1.48	2.23	2.70	1.428	26
27	0.8208	0.3508	3.12	8.87	22.2	1.78	0.558	0.722	1.48	2.08	2.53	1.388	27
28	1.23 B	0.5808	20.0	8.78	11.8	3.88	0.594	0.888	2.13	1.88	2.83	1.288	28
29	1.88 B	0.8008	31.2	10.4	7.55	8.13	1.43	0.515	12.3	1.88	41.4	1.228	29
30	1.70 B		28.7	15.5	4.88	4.42	0.838	0.823	8.88	2.80	19.2	1.208	30
31	1.48 B		20.8		3.47		2.10	0.539		2.28		1.188	31
TOTAL	28.838	20.802	182.873	250.35	223.28	87.88	88.332	40.480	114.381	144.83	232.88	78.11	TOTAL
MEAN	0.858	0.707	5.88	8.35	7.20	2.83	2.20	1.31	3.81	4.87	7.78	2.48	MEAN
MAX	2.20	2.30	31.2	18.3	22.2	8.13	20.2	4.05	20.2	15.8	41.4	8.88	MAX
MIN	0.340	0.252	0.903	4.23	2.84	1.04	0.558	0.475	0.382	1.81	1.80	1.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.08
MAXIMUM DAILY, 41.4 ON NOV 28
MINIMUM DAILY, 0.2528 ON FEB 26
MAXIMUM INSTANTANEOUS,
88.0 AT 08:38 NST ON NOV 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 56 N
LONG 58 34 11 W
DRAINAGE AREA, 120 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 250	JUL	8 550
FEB	1 770	AUG	3 800
MAR	15 800	SEP	8 850
APR	21 800	OCT	12 800
MAY	18 300	NOV	20 100
JUN	7 890	DEC	8 850

TOTAL DISCHARGE, 128 000 dam³

BOOT BROOK AT TRANS-CANADA HIGHWAY - STATION NO. 02YK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.076	0.104	1.10 B	3.70 B	3.88	0.224	0.492	0.038	0.080	0.802	0.218	0.480	1
2	0.108	0.116	0.840B	3.00 B	1.98	0.380	0.448	0.038	0.048	0.387	0.188	0.220B	2
3	0.118	0.128	0.680B	2.10 B	1.28	0.364	0.818	0.033	0.040	0.303	0.803	0.138B	3
4	0.118	0.130	0.580B	1.40 B	1.06	0.335	0.648	0.031	0.038	0.283	0.812	0.100B	4
5	0.098	0.134	0.480B	1.00 B	1.83	0.526	0.388	0.028	0.040	0.298	0.588	0.138B	5
6	0.078	0.188	0.410B	0.980B	2.40	0.984	0.247	0.027	0.078	1.48	0.437	0.180B	6
7	0.088	0.188	0.370B	1.08 B	3.03	1.83	0.170	0.024	0.084	1.50	0.587	0.130B	7
8	0.087	0.138	0.330B	1.20 B	1.83	1.38	0.127	0.024	0.073	0.848	1.08	0.100B	8
9	0.088	0.117	0.300B	1.27	1.88	0.728	0.112	0.026	0.083	0.507	1.31	0.078B	9
10	0.083	0.101	0.284B	1.34	2.08	0.428	0.093	0.038	0.158	0.483	0.942	0.088B	10
11	0.087	0.102	0.840B	1.32	2.71	0.305	0.080	0.043	5.03 E	0.428	0.852	0.088B	11
12	0.088	0.088	0.410B	0.837	2.87	0.217	0.718	0.034	2.74	0.404	0.882	0.047B	12
13	0.084	0.082	0.360B	0.724	2.78	0.188	2.22	0.031	1.47	0.348	0.820	0.043B	13
14	0.081	0.082	0.320B	0.843	1.80	0.172	0.873	0.033	1.80	0.307	0.428	0.038B	14
15	0.078	0.078	0.280B	0.488	1.28	0.136	0.838	0.028	1.51	0.348	0.388	0.038B	15
16	0.088	0.088B	0.280B	0.433	0.837	0.118	0.680	0.024	0.821	0.380	0.348	0.033B	16
17	0.088	0.088B	0.230B	0.472	0.818	0.102	0.378	0.022	0.634	0.308	0.288	0.030B	17
18	0.078	0.052B	0.210B	0.520	1.84	0.188	0.228	0.121	0.371	0.261	0.378	0.028B	18
19	0.1218	0.048B	0.188B	0.548	2.20	0.377	0.152	0.317	0.273	0.207	0.488	0.027B	19
20	0.1118	0.088B	0.171B	0.588	1.11	0.287	0.134	0.327	0.221	0.178	0.348	0.025B	20
21	0.088B	0.101B	0.158B	0.580	0.855	0.181	0.124	0.285	0.180	0.282	0.2908	0.038B	21
22	0.088B	0.077B	0.142B	0.778	0.458	0.134	0.108	0.346	0.157	0.238	0.2188	0.033B	22
23	0.095B	0.058B	0.128B	0.782	0.388	0.118	0.088	0.380	0.148	0.224	0.1858	0.030B	23
24	0.108B	0.068B	0.117B	0.780	0.302	0.115	0.078	0.301	0.142	0.280	0.1528	0.028B	24
25	0.130B	0.700B	0.108B	0.932	0.238	0.108	0.084	0.215	0.131	0.267	0.1308	0.028B	25
26	0.170	0.440B	0.088B	1.33	0.888	0.078	0.087	0.180	0.112	0.280	0.1128	0.024B	26
27	0.304	0.280B	0.180B	1.80	1.33	0.078	0.080	0.118	0.118	0.282	0.0888	0.023B	27
28	0.231	0.800B	0.300B	2.10	0.850	0.173	0.048	0.085	0.188	0.302	0.1208	0.022B	28
29	0.177	1.35 B	0.700B	2.42	0.571	0.407	0.051	0.082	0.817	0.287	1.12	0.021B	29
30	0.136		2.20 B	3.12	0.388	0.487	0.048	0.070	0.838	0.288	0.910	0.020B	30
31	0.113		4.20 B		0.283		0.041	0.058		0.241		0.018B	31
TOTAL	3.307	5.789	16.872	36.197	44.843	10.888	10.502	3.401	18.448	12.870	16.042	2.267	TOTAL
MEAN	0.107	0.200	0.538	1.27	1.44	0.382	0.338	0.110	0.815	0.408	0.581	0.073	MEAN
MAX	0.304	1.35	4.20	3.70	3.88	1.83	2.22	0.380	5.03	1.50	1.31	0.480	MAX
MIN	0.085	0.048	0.088	0.433	0.238	0.078	0.041	0.022	0.038	0.178	0.088	0.018	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.487
MAXIMUM DAILY, 5.03E ON SEP 11
MINIMUM DAILY, 0.018B ON DEC 31
MAXIMUM INSTANTANEOUS,
8.38E AT 14:04 NST ON SEP 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 59 N
LONG 57 05 14 W
DRAINAGE AREA, 20.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	288	JUL	907
FEB	500	AUG	284
MAR 1	440	SEP 1	590
APR 3	300	OCT 1	080
MAY 3	680	NOV 1	300
JUN	939	DEC	188

TOTAL DISCHARGE, 15 700 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 4.26 IS DUE TO CURVE EXTENSION

BOTTOM CREEK NEAR ROCKY HARBOUR - STATION NO. 02YH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3258	0.3608	1.82 B	3.16	1.10	1.32 E	0.541	0.212	0.228	0.352	0.881	2.44	1
2	0.3188	0.3708	1.88 B	2.63	1.11	1.35 E	0.536	0.188	0.221	0.361	0.678	2.13	2
3	0.3128	0.4808	2.18 B	2.30	1.12	1.28 E	0.841	0.180	0.210	0.412	0.878	1.87	3
4	0.3068	0.4508	1.80 B	1.83	1.03	1.80 E	0.881	0.178	0.205	0.480	0.758	1.88	4
5	0.3028	0.4408	1.50 B	1.88	0.841	1.70 E	0.838	0.178	0.205	0.800	0.812	1.40 E	5
6	0.2888	0.4288	1.28 B	1.88	0.885	1.80 E	0.510	0.183	0.193	0.808	0.848	1.15 B	6
7	0.2808	0.4208	1.03 B	1.88	0.838	2.15 E	0.484	0.182	0.174	0.518	0.828	1.02 B	7
8	0.2888	0.4078	0.880B	1.87	0.788	2.00 E	0.428	0.193	0.180	0.838	0.850	0.830B	8
9	0.2828	0.3908	0.740B	1.86	0.724	1.70 E	0.410	0.192	0.188	0.838	0.820	0.850B	9
10	0.2788	0.3808	0.630B	2.32	0.884	1.80 E	0.382	0.231	0.188	0.888	0.884	0.770B	10
11	0.2748	0.3858	0.740B	2.87	0.822	1.20 E	0.380	0.220	0.248	0.887	1.15	0.720B	11
12	0.2708	0.3808	0.630B	2.63	0.585	1.00 E	0.348	0.208	0.278	0.817	1.30	0.670B	12
13	0.2858	0.348	0.670B	2.11	0.588	0.843A	0.353	0.213	0.267	0.812	1.33	0.620B	13
14	0.3058	0.075	0.800B	1.82	0.841	0.771	0.357	0.228	0.388	0.811	1.30	0.578B	14
15	0.3458	0.080	0.740B	1.58	0.518	0.702	0.383	0.218	0.380	0.740	1.82	0.648B	15
16	0.3388	0.128	0.680B	1.41	0.505	0.828	0.348	0.213	0.387	0.784	1.88	0.518B	16
17	0.3408	0.284	0.640B	1.33	0.498	0.578	0.322	0.208	0.407	0.773	2.02	0.488B	17
18	0.3208	0.3158	0.600B	1.31	1.14	0.528	0.304	0.207	0.401	0.728	1.92	0.468B	18
19	0.3108	0.3058	0.570B	1.34	1.44	0.526	0.282	0.211	0.387	0.672	1.88	0.448B	19
20	0.3008	0.2958	0.530B	1.28	1.47	0.502	0.273	0.210	0.384	0.638	1.88	0.420B	20
21	0.2858	0.2808	0.480B	1.18	1.41	0.487	0.258	0.202	0.388	0.843	1.42	1.20 B	21
22	0.2858	0.2858	0.480B	1.27	1.34	0.483	0.240	0.212	0.387	0.841	1.28	1.02 B	22
23	0.2758	0.4508	0.430B	1.33	1.39 A	0.470	0.280	0.228	0.381	0.817	1.04	0.858B	23
24	0.2708	0.8208	0.400B	1.38	1.30 E	0.453	0.247	0.238	0.388	0.578	0.924	0.888B	24
25	0.2808	0.8508	0.380B	1.38	1.25 E	0.441	0.227	0.218	0.374	0.841	0.907	0.830B	25
26	0.3008	1.45 B	0.380B	1.28	1.80 E	0.427	0.215	0.213	0.348	0.823	0.888	0.780B	26
27	0.3588	1.40 B	0.827	1.15	2.20 E	0.415	0.178	0.213	0.387	0.498	0.848	0.748B	27
28	0.4408	1.88 B	2.28	1.10	2.00 E	0.431	0.182	0.210	0.347	0.488	0.883	0.700B	28
29	0.4208	1.75 B	3.78	1.04	1.80 E	0.548	0.158	0.222	0.382	0.478	2.21	0.888B	29
30	0.4108		4.03	1.02	1.80 E	0.585	0.158	0.220	0.358	0.473	2.74	0.830B	30
31	0.3858		3.53		1.50 E		0.188	0.208		0.888		0.800B	31
TOTAL	9.773	15.848	37.877	51.28	34.882	28.418	10.487	6.417	8.153	17.888	37.081	28.588	TOTAL
MEAN	0.315	0.538	1.21	1.71	1.12	0.947	0.338	0.207	0.305	0.888	1.24	0.922	MEAN
MAX	0.440	1.75	4.03	3.16	2.20	2.15	0.581	0.238	0.407	0.784	2.74	2.44	MAX
MIN	0.280	0.075	0.380	1.02	0.488	0.415	0.158	0.178	0.188	0.351	0.578	0.420	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.783
MAXIMUM DAILY, 4.03 ON MAR 30
MINIMUM DAILY, 0.075 ON FEB 14
MAXIMUM INSTANTANEOUS,
4.37 AT 21:30 NST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 35 05 N
LONG 57 54 34 W
DRAINAGE AREA, 33.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	844	JUL	808
FEB 1	340	AUG	554
MAR 2	280	SEP	791
APR 4	430	OCT 1	520
MAY 2	980	NOV 3	200
JUN 2	460	DEC 2	470

TOTAL DISCHARGE, 24 800 dam³

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS - STATION NO. 0302001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 080	2 140E	2 100	1 280	1 800	2 380	1 900	1 370	1 020	1 810	1 820	1 550	1
2	2 070	2 140E	2 120	1 280	1 840	2 310	1 880	1 250	1 020	1 840	1 890	1 510	2
3	2 080	2 150E	2 130	1 280	1 880	2 230	1 880	1 170	1 030	1 880	1 830	1 530	3
4	2 080	2 150E	2 070	1 280	1 880	2 150	1 900	1 170	1 040	1 880	1 850	1 580	4
5	2 080	2 150E	2 080	1 210	1 870	2 080	1 880	1 210	1 050	1 840	1 870	1 580	5
6	2 100	2 150E	2 050	1 180	1 700	1 980	1 810	1 230	1 080	1 850	1 880	1 600	6
7	2 110	2 150E	2 040	1 150	1 730	1 940	1 800	1 250	1 080	1 980	1 880	1 610	7
8	2 120	2 150E	2 040	1 170	1 780	1 940	1 800	1 240	1 080	1 710	1 850	1 640	8
9	2 120	2 150E	2 040	1 210	1 800	1 880	1 800	1 180	1 080	1 730	1 790	1 680	9
10	2 130	2 150E	2 080	1 230	1 850	1 880	1 800	1 130	1 100	1 720	1 740	1 670	10
11	2 140	2 150E	2 090	1 250	1 800	1 880	1 780	1 110	1 140	1 840	1 730	1 680A	11
12	2 150	2 170E	2 110	1 250	1 870	1 880	1 800	1 140	1 180	1 680	1 720	1 680E	12
13	2 150	2 180E	2 120	1 240	2 170	1 810	1 830	1 180	1 210	1 620	1 720	1 680E	13
14	2 170	2 180E	2 100	1 240	2 450	1 810	1 870	1 180	1 230	1 680	1 740	1 710E	14
15	2 180	2 170E	2 010	1 250	2 730	1 740	1 900	1 190	1 250	1 690	1 740	1 720E	15
16	2 180	2 180E	2 000	1 280	2 850	1 750	1 840	1 150	1 280	1 630	1 740	1 740E	16
17	2 150	2 140E	1 970	1 280	3 080	1 810	1 870	1 100	1 310	1 880	1 710	1 780E	17
18	2 150	2 130E	1 830	1 300	3 100	1 870	1 850	1 080	1 340	1 810	1 700	1 780A	18
19	2 150	2 130E	1 910	1 320	3 110	1 880	1 830	1 090	1 380	1 670	1 690	1 800	19
20	2 150	2 150E	1 880	1 310	3 140	1 810	1 750	1 110	1 290	1 690	1 890	1 800	20
21	2 150	2 170E	1 880	1 270	3 170	1 870	1 710	1 130	1 230	1 800	1 700	1 800	21
22	2 150A	2 170E	1 800	1 230	3 210	1 850	1 870	1 120	1 220	1 840	1 700	1 800	22
23	2 150E	2 170E	1 700	1 220	3 250	1 780	1 820	1 080	1 240	1 880	1 680	1 790	23
24	2 150E	2 170E	1 880	1 240	3 280	2 020	1 880	1 040	1 280	1 720	1 630	1 780	24
25	2 150E	2 150E	1 870	1 290	3 330	2 140	1 480	1 020	1 340	1 780	1 680	1 780	25
26	2 150E	2 150E	1 630	1 340	3 370	2 110	1 380	1 020	1 400	1 770	1 710	1 800	26
27	2 150E	2 140E	1 580	1 380	3 320	2 070	1 310	1 030	1 440	1 790	1 730	1 700	27
28	2 150E	2 140E	1 550	1 430	3 280	2 030	1 330	1 050	1 480	1 830	1 740	1 680	28
29	2 170E	2 080A	1 410	1 480	3 100	1 970	1 370	1 070	1 530	1 870	1 710	1 630	29
30	2 150E		1 320	1 540	2 840	1 930	1 400	1 080	1 570	1 910	1 840	1 870	30
31	2 150E		1 310		2 570		1 400	1 030		1 940		1 810	31
TOTAL	65 510	62 440	58 380	38 380	78 380	58 630	53 310	35 170	38 840	52 080	52 850	52 260	TOTAL
MEAN	2 150	2 150	1 880	1 280	2 530	1 980	1 720	1 130	1 230	1 880	1 780	1 680	MEAN
MAX	2 180	2 180	2 130	1 540	3 370	2 380	1 870	1 370	1 570	1 940	1 920	1 800	MAX
MIN	2 080	2 080	1 310	1 180	1 800	1 880	1 310	1 020	1 020	1 830	1 840	1 810	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 780
MAXIMUM DAILY, 3 370 ON MAY 28
MINIMUM DAILY, 1 020 ON AUG 25
MAXIMUM INSTANTANEOUS,
3 400 AT 04:33 AST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 52 N
LONG 60 47 21 W
DRAINAGE AREA, 92 500 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 750 000	JUL	4 610 000
FEB	5 390 000	AUG	3 040 000
MAR	5 040 000	SEP	3 180 000
APR	3 310 000	OCT	4 500 000
MAY	6 770 000	NOV	4 550 000
JUN	5 080 000	DEC	4 510 000

TOTAL DISCHARGE, 55 700 000 dam³

CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE - STATION NO. 0302005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 780	1 820	1 820	1 810	1 000	862	1 320	1 210	1 010	1 080	1 480	1 830	1
2	1 880	1 900	1 810	888	1 150	914	1 280	1 170	1 030	991	1 800	1 870	2
3	1 880	1 930	1 800	862	1 080	983	1 110	1 190	852	1 340	1 800	1 610	3
4	1 840	1 930	1 830	902	892	813	1 300	1 180	737	1 380	1 480	1 510	4
5	1 840	1 930	1 830	1 310	812	843	1 410	1 080	727	1 380	1 190	1 840	5
6	1 840	1 840	1 880	1 180	821	---	1 410	873	1 180	1 380	1 080	1 870	6
7	1 840	1 880	1 840	1 170	828	1 080	1 400	727	1 170	1 410	1 410	1 830	7
8	1 830	1 930	1 830	1 180	830	1 080	1 390	1 170	1 180	1 030	1 380	1 830	8
9	1 830	1 900	1 830	881	804	1 050	1 410	1 110	1 180	898	1 380	1 820	9
10	1 830	1 880	1 830	802	884	1 050	1 440	1 110	1 020	1 110	1 380	1 850	10
11	1 830	1 830	1 840	1 200	827	828	1 480	1 080	880	1 440	1 850	1 730	11
12	1 830	1 830	1 840	1 180	902	848	1 440	1 120	1 130	1 480	1 480	1 710	12
13	1 810	1 780	1 810	1 180	811	1 030	1 480	855	1 120	1 490	1 470	1 580	13
14	1 870	1 820	1 880	1 180	838	1 080	1 480	738	1 180	1 480	1 130	1 810	14
15	1 820	1 820	1 800	1 180	867	1 210	1 500	1 110	1 180	1 030	1 340	1 850	15
16	1 820	1 820	1 730	880	887	1 210	1 240	1 080	1 200	1 020	1 380	1 800	16
17	1 820	1 810	1 780	888	838	1 220	1 100	1 110	888	1 380	1 430	1 680	17
18	1 830	1 870	1 780	895	868	1 080	1 380	883	702	1 430	1 480	1 580	18
19	1 880	1 810	1 680	828	883	748	1 230	822	1 180	1 420	1 340	1 700	19
20	1 830	1 880	1 830	835	886	1 220	1 240	734	1 200	1 470	1 230	1 730	20
21	1 850	1 800	1 810	1 440	821	1 230	1 180	723	1 130	1 480	1 520	1 710	21
22	1 830	1 880	1 870	1 430	731	1 270	1 180	1 010	1 180	1 420	1 580	1 730	22
23	1 830	1 840	1 480	1 240	833	1 320	838	850	1 180	1 040	1 870	1 700	23
24	1 840	1 840	1 810	1 080	880	1 270	820	853	874	1 430	1 550	1 800	24
25	1 830	1 820	1 380	1 270	1 010	1 380	1 380	1 070	1 000	1 420	1 810	1 380	25
26	1 830	1 820	1 170	1 280	857	1 100	1 180	1 100	1 170	1 480	1 300	1 810	26
27	1 840	1 820	1 080	1 340	898	1 280	1 230	887	1 170	1 480	838	1 870	27
28	1 830	1 820	1 280	1 300	830	1 310	1 180	888	1 180	1 490	1 370	1 840	28
29	1 840	1 830	1 200	1 290	837	1 310	1 140	1 020	1 180	1 120	1 400	1 580	29
30	1 850		1 280	1 490	1 030	1 300	807	884	1 200	1 080	1 820	1 880	30
31	1 870		1 310		847		725	840		1 500		1 420	31
TOTAL	59 500	55 080	51 870	33 881	28 436	---	38 880	30 883	31 851	40 628	41 808	50 080	TOTAL
MEAN	1 820	1 800	1 670	1 120	917	---	1 250	888	1 070	1 310	1 390	1 810	MEAN
MAX	1 850	1 840	1 840	1 480	1 180	---	1 500	1 210	1 200	1 500	1 820	1 730	MAX
MIN	1 780	1 780	1 080	828	887	---	725	888	888	991	838	1 380	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1 850 ON JAN 21
MINIMUM DAILY, 828 ON APR 18

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 32 10 N
LONG 63 57 51 W
DRAINAGE AREA, 69 200 km²

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 140 000	JUL	3 340 000
FEB	4 750 000	AUG	2 650 000
MAR	4 480 000	SEP	2 780 000
APR	2 510 000	OCT	3 510 000
MAY	2 480 000	NOV	3 610 000
JUN	---	DEC	4 330 000

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS - STATION NO. 03OE007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	4.818	4.337	3.732	---	4.133A	---	---	1
2	---	---	---	---	---	4.780	4.318	3.698	---	---	---	---	2
3	---	---	---	---	---	4.988	4.318	3.633	---	---	---	---	3
4	---	---	---	---	---	4.838	4.331	3.573	---	---	---	---	4
5	---	---	---	---	---	4.888	4.282	3.813	---	---	---	---	5
6	---	---	---	---	---	4.483	4.238	3.888	---	---	---	---	6
7	---	---	---	---	---	4.443	4.238	3.873	---	---	---	7.100A	7
8	---	---	---	---	---	4.441	4.232	3.843	---	---	---	7.083A	8
9	---	---	---	---	---	4.471	4.238	3.847	---	---	---	---	9
10	---	---	---	---	---	4.478	4.214	3.478	---	---	---	---	10
11	---	---	---	---	---	4.481	4.223	3.510	---	---	---	---	11
12	---	---	---	---	---	4.458	4.284	3.553	---	---	---	---	12
13	---	---	---	---	---	4.387	4.301	3.579	---	---	---	---	13
14	---	---	---	---	---	4.293	4.328	3.588	---	---	---	---	14
15	---	---	---	---	---	4.242	4.343	3.671	---	---	---	---	15
16	---	---	---	---	---	4.278	4.388	3.488	---	---	---	---	16
17	---	---	---	---	---	4.343	4.398	3.431	---	---	---	---	17
18	---	---	---	---	---	4.371	4.344	3.447	---	---	---	---	18
19	---	---	---	---	---	4.388	4.240	3.491	---	---	---	---	19
20	---	---	---	---	---	4.288	4.180	3.508	---	---	---	---	20
21	---	---	---	---	---	4.180	4.118	3.474	---	---	---	---	21
22	---	---	---	---	---	4.141	4.081	3.428	---	---	---	---	22
23	---	---	---	---	---	4.360	4.013	3.383	---	---	---	---	23
24	---	---	---	---	---	---	4.588	3.882	3.322	---	---	---	24
25	---	---	---	---	5.807A	4.672	3.881	3.349	---	---	---	---	25
26	---	---	---	---	5.578	4.518	3.778	3.388	---	---	---	---	26
27	---	---	---	---	5.544	4.482	3.733	3.383	4.010A	---	---	---	27
28	---	---	---	---	5.448	4.433	3.787	3.430A	4.055	---	---	---	28
29	---	---	---	---	5.302	4.390	3.818	---	4.089	---	---	---	29
30	---		---	---	5.085	4.371	3.824	---	4.121	---	---	---	30
31	---		---		4.884		3.788	---		---		---	31
MEAN	---	---	---	---	---	4.443	4.163	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	4.818	4.398	---	---	---	---	---	MAX
MIN	---	---	---	---	---	4.141	3.732	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 57 N
LONG 60 48 08 W

A - MANUAL GAUGE

MINIMUM DAILY, 3.322 ON AUG 24

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHURCHILL RIVER AT GRIZZLE RAPIDS - STATION NO. 03OE008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	3.952	3.885	1
2	---	---	---	---	---	---	---	---	---	---	3.993	3.989	2
3	---	---	---	---	---	---	---	---	---	---	4.036	4.021	3
4	---	---	---	---	---	---	---	---	---	---	4.085	3.958	4
5	---	---	---	---	---	---	---	---	---	---	4.083	3.917	5
6	---	---	---	---	---	---	---	---	---	---	4.022	3.920	6
7	---	---	---	---	---	---	---	---	---	---	3.963	---	7
8	---	---	---	---	---	---	---	---	---	---	3.884	---	8
9	---	---	---	---	---	---	---	---	---	---	3.819	---	9
10	---	---	---	---	---	---	---	---	---	---	3.930	---	10
11	---	---	---	---	---	---	---	---	---	---	3.944	---	11
12	---	---	---	---	---	---	---	---	---	---	3.978	---	12
13	---	---	---	---	---	---	---	---	---	---	3.987	---	13
14	---	---	---	---	---	---	---	---	---	---	3.984	---	14
15	---	---	---	---	---	---	---	---	---	---	3.930	---	15
16	---	---	---	---	---	---	---	---	---	---	3.884	---	16
17	---	---	---	---	---	---	---	---	---	---	3.885	---	17
18	---	---	---	---	---	---	---	---	---	---	3.908	---	18
19	---	---	---	---	---	---	---	---	---	---	3.958	---	19
20	---	---	---	---	---	---	---	---	---	---	3.982	---	20
21	---	---	---	---	---	---	---	---	---	---	3.908	---	21
22	---	---	---	---	---	---	---	---	---	---	3.885	---	22
23	---	---	---	---	---	---	---	---	---	---	3.886	---	23
24	---	---	---	---	---	---	---	---	---	---	3.971	---	24
25	---	---	---	---	---	---	---	---	---	---	4.095	---	25
26	---	---	---	---	---	---	---	---	---	---	4.095	---	26
27	---	---	---	---	---	---	---	---	---	4.058	3.983	---	27
28	---	---	---	---	---	---	---	---	---	4.103	3.843	---	28
29	---	---	---	---	---	---	---	---	---	4.127	3.738	---	29
30	---		---	---	---	---	---	---	---	4.105	3.750	---	30
31	---		---		---		---	---		3.887		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	3.942	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	4.095	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	3.738	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 06 N
LONG 61 25 59 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER BELOW GULL ISLAND RAPIDS - STATION NO. 0302005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5.012	4.488	4.319	4.805	---	---	1
2	---	---	---	---	---	---	5.004	4.464	4.338	4.804	---	---	2
3	---	---	---	---	---	---	5.013	4.472	4.365	4.888	---	---	3
4	---	---	---	---	---	---	4.987	4.520	4.388	---	---	---	4
5	---	---	---	---	---	---	4.960	4.582	4.311	---	---	---	5
6	---	---	---	---	---	---	4.882	4.588	4.288	---	---	---	6
7	---	---	---	---	---	---	4.870	4.531	4.304	---	---	---	7
8	---	---	---	---	---	---	4.888	4.444	4.426	---	---	---	8
9	---	---	---	---	---	5.080	4.871	4.377	4.523	---	---	---	9
10	---	---	---	---	---	5.075	4.881	4.421	4.582	---	---	---	10
11	---	---	---	---	---	5.072	4.864	4.478	4.807	---	---	---	11
12	---	---	---	---	---	5.024	4.877	4.505	4.575	---	---	---	12
13	---	---	---	---	---	4.958	5.018	4.508	4.554	---	---	---	13
14	---	---	---	---	---	4.900	5.025	4.483	4.594	---	---	---	14
15	---	---	---	---	---	4.910	5.082	4.404	4.961	---	---	---	15
16	---	---	---	---	---	4.988	5.103	4.341	4.881	---	---	---	16
17	---	---	---	---	---	5.009	5.094	4.387	4.877	---	---	---	17
18	---	---	---	---	---	5.008	4.988	4.440	4.818	---	---	---	18
19	---	---	---	---	---	4.983	4.908	4.452	4.808	---	---	---	19
20	---	---	---	---	---	4.888	4.888	4.428	4.487	---	---	---	20
21	---	---	---	---	---	4.808	4.836	4.380	4.868	---	---	---	21
22	---	---	---	---	---	4.902	4.813	4.300	4.808	---	---	---	22
23	---	---	---	---	---	5.050	4.783	4.266	4.883	---	---	---	23
24	---	---	---	---	---	5.132	4.676	4.319	4.732	---	---	---	24
25	---	---	---	---	---	5.110	4.582	4.328	4.771	---	---	---	25
26	---	---	---	---	---	5.110	4.546	4.337	4.787	---	---	---	26
27	---	---	---	---	---	5.102	4.628	4.384	4.814	---	---	---	27
28	---	---	---	---	---	5.086	4.661	4.366	4.879	---	---	---	28
29	---	---	---	---	---	5.051	4.673	4.286	4.902	---	---	---	29
30	---		---	---	---	5.033	4.647	4.247	4.907	---	---	---	30
31	---		---		---		4.680	4.269		---		---	31
MEAN	---	---	---	---	---	---	4.878	4.411	4.577	---	---	---	MEAN
MAX	---	---	---	---	---	---	5.103	4.588	4.907	---	---	---	MAX
MIN	---	---	---	---	---	---	4.844	4.247	4.288	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 21 N
LONG 81 26 18 W

MINIMUM DAILY, 4.247 ON AUG 30

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS - STATION NO. 0302006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.802	-0.035	-0.480	0.425	0.553	-0.023	1
2	---	---	---	---	---	---	0.788	---	-0.419	0.434	0.542	0.181	2
3	---	---	---	---	---	---	0.791	---	-0.408	0.448	0.531	0.333	3
4	---	---	---	---	---	---	0.810	---	-0.378	0.360	0.713	0.403	4
5	---	---	---	---	---	---	0.742	-0.138	-0.388	0.381	0.728	0.381	5
6	---	---	---	---	---	---	0.674	-0.088	-0.428	0.452	0.885	0.231	6
7	---	---	---	---	---	---	0.862	-0.087	-0.804	0.831	0.820	0.380	7
8	---	---	---	---	---	---	0.886	-0.187	-0.403	0.851	0.474	0.330	8
9	---	---	---	---	---	0.852	0.878	-0.306	-0.223	0.838	0.432	0.420	9
10	---	---	---	---	---	0.898	0.858	-0.336	-0.083	0.426	0.488	0.388	10
11	---	---	---	---	---	0.908	0.843	-0.248	-0.001	0.287	0.488	0.420A	11
12	---	---	---	---	---	0.880	0.883	-0.182	0.022	0.188	0.513	---	12
13	---	---	---	---	---	0.773	0.741	-0.193	-0.048	0.278	0.888	---	13
14	---	---	---	---	---	0.658	0.784	-0.148	-0.033	0.411	0.582	---	14
15	---	---	---	---	---	0.590	0.628	-0.213	0.044	0.538	0.530	---	15
16	---	---	---	---	---	0.621	0.888	-0.348	0.108	0.584	0.423	---	16
17	---	---	---	---	---	0.737	0.888	-0.338	0.143	0.412	0.383	---	17
18	---	---	---	---	---	0.758	0.801	-0.344	0.147	0.232	0.412	---	18
19	---	---	---	---	---	0.733	0.857	-0.288	-0.010	0.241	0.480	---	19
20	---	---	---	---	---	0.691	0.887	-0.234	-0.198	0.371	0.511	---	20
21	---	---	---	---	---	0.682	0.530	-0.380	-0.183	0.485	0.482	---	21
22	---	---	---	---	---	0.841	0.482	-0.385	-0.083	0.550	0.383	---	22
23	---	---	---	---	---	0.810	0.388	-0.495	0.048	0.577	0.305	---	23
24	---	---	---	---	---	1.082	0.287	-0.503	0.152	0.800	0.397	---	24
25	---	---	---	---	---	1.044	0.180	-0.462	0.257	0.518	0.518	---	25
26	---	---	---	---	---	1.022	-0.008	-0.421	0.288	0.517	0.588	---	26
27	---	---	---	---	---	0.884	-0.018	-0.387	0.314	0.648	0.580	---	27
28	---	---	---	---	---	0.838	0.074	-0.388	0.337	0.787	0.475	---	28
29	---	---	---	---	---	0.888	0.113	-0.324	0.404	0.808	0.228	---	29
30	---	---	---	---	---	0.830	0.113	-0.482	0.432	0.827	0.034	---	30
31	---		---		---		0.088	-0.525		0.724		---	31
MEAN	---	---	---	---	---	---	0.567	---	-0.051	0.488	0.485	---	MEAN
MAX	---	---	---	---	---	---	0.898	---	0.432	0.827	0.728	---	MAX
MIN	---	---	---	---	---	---	-0.018	---	-0.504	0.188	0.034	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 60 48 24 W

MINIMUM DAILY, -0.525 ON AUG 31

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 0.101 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - GSC DATUM ESTABLISHED BY S.N.C.-LAVLIN NFLD. LTD. IN 1979

COME BY CHANCE RIVER NEAR GOBBIES - STATION NO. 02ZH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.626	0.5258	5.63	5.16	5.44	0.328	10.8	0.332	0.148	1.69	1.32	2.88	1
2	0.5858	0.4558	7.21	4.78	5.51	0.461	5.86	0.319	0.135	1.16	1.06	2.33	2
3	0.5258	0.7258	7.80	3.86	4.16	0.758	5.59	0.273	0.133	0.882	9.86	1.82	3
4	0.4958	0.5508	4.78	2.81	5.08	0.947	4.82	0.222	0.139	0.638	10.2	1.56	4
5	0.5858	0.4858	7.10	2.84	5.51	1.46	3.83	0.173	0.133	0.823	5.82	1.41	5
6	0.4908	0.6858	8.87	3.27	3.87	4.08	2.38	0.143	0.315	7.14	3.48	1.20	6
7	0.4358	0.5308	4.88	3.12	2.71	7.81	2.17	0.135	0.316	5.28	3.86	1.08	7
8	0.3908	0.4308	3.86	2.78	2.38	6.46	2.08	0.126	0.264	3.32	5.17	0.8458	8
9	0.3558	0.3758	2.72	2.80	2.46	3.36	1.73	0.112	0.226	2.23	3.82	0.6458	9
10	0.3208	0.3308	3.41	3.08	2.18	2.72	1.40	0.108	0.189	1.88	3.12	0.7858	10
11	0.3008	0.2858	5.78	5.37	2.58	8.53	1.18	0.088	0.241	1.31	2.87	0.6828	11
12	0.2758	0.2678	8.70	5.89	2.81	5.36	1.00	0.094	0.310	1.28	2.82	0.8158	12
13	0.2508	0.2908	5.04	5.23	2.95	3.27	0.918	0.081	0.278	1.21	2.04	0.8808	13
14	0.2808	0.8458	3.81	3.81	1.88	2.36	0.880	0.134	1.10	1.18	1.80	0.8458	14
15	0.4458	1.10 E	2.31	3.82	1.40	1.75	0.784	0.158	2.47	1.20	2.42	0.8828	15
16	0.3858	1.45 E	1.87	3.70	1.10	1.37	0.637	0.181	1.78	1.50	2.45	0.5858	16
17	0.3208	10.5	1.48 E	3.00	0.885	1.13	0.547	0.142	1.85	1.38	1.82	0.6008	17
18	0.3058	17.5	1.26 E	2.83	0.730	0.983	0.480	0.148	1.50	1.14	1.78	0.6408	18
19	0.2808	9.86	1.04 E	2.27	0.833	1.32	0.408	0.171	1.15	0.977	2.16	0.8908	19
20	0.2868	5.89	0.9408	2.14	0.983	1.34	0.481	0.178	0.930	0.851	1.83	0.838	20
21	0.2428	5.81	0.8388	5.70	0.483	1.07	0.505	0.181	0.817	1.08	1.61	1.10	21
22	0.3008	8.36	0.7308	5.30	0.402	0.825	0.488	0.182	0.828	1.38	1.88	2.02	22
23	0.3268	5.85	0.8708	4.08	0.381	0.785	0.405	0.180	1.18	1.18	1.68	2.31	23
24	0.2628	12.3	0.8058	3.88	0.381	0.818	0.338	0.137	1.18	0.882	1.508	1.88	24
25	0.2328	30.1	0.8808	3.08	0.385	1.08	0.277	0.134	0.821	0.885	1.27	1.48	25
26	0.3008	13.4	0.8188	2.48	0.358	0.813	0.235	0.122	0.778	1.85	1.08	1.25 E	26
27	0.5008	8.63	0.4858	2.00	0.337	1.08	0.203	0.121	0.848	2.80	1.23	1.10 E	27
28	1.20 E	18.3	1.88	1.88	0.328	1.70	0.182	0.130	0.880	2.17	2.13	0.9808	28
29	1.05 E	11.8	8.80	1.82	0.323	2.58	0.188	0.127	0.871	1.77	4.18	0.8808	29
30	0.7808		8.71	1.88	0.308	10.8	0.171	0.134	1.84	1.74	4.08	1.82 E	30
31	0.6308		8.82		0.340		0.157	0.152		1.83		1.38 E	31
TOTAL	14.026	178.877	113.140	105.87	88.124	78.048	80.422	4.833	23.888	53.888	89.38	37.422	TOTAL
MEAN	0.452	6.17	3.65	3.52	1.87	2.63	1.63	0.156	0.787	1.74	2.99	1.21	MEAN
MAX	1.30	30.1	9.87	6.88	5.08	10.8	10.8	0.332	2.47	7.14	10.2	2.88	MAX
MIN	0.232	0.267	0.488	1.82	0.240	0.328	0.171	0.081	0.133	0.838	1.08	0.848	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.20
MAXIMUM DAILY, 30.1 ON FEB 25
MINIMUM DAILY, 0.081 ON AUG 13
MAXIMUM INSTANTANEOUS,
35.32 AT 07:48 NST ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 55 07 N
LONG 53 58 59 W
DRAINAGE AREA, 43.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 210	JUL	4 380
FEB	15 900	AUG	418
MAR	9 780	SEP	1 980
APR	9 120	OCT	4 680
MAY	5 630	NOV	7 710
JUN	8 570	DEC	3 230

TOTAL DISCHARGE, 85 800 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 36.0 IS DUE TO CURVE EXTENSION

CORNER BROOK AT WATSONS BROOK POWERHOUSE - STATION NO. 02YL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.28	2.88	3.18	6.81	8.33	6.81	3.38	3.41	1.11	8.74	2.68	4.32	1
2	2.88	2.82	3.87	6.84	8.34	6.78	2.82	3.38	1.08	8.88	2.48	4.18	2
3	2.88	2.88	3.88	6.36	8.33	6.81	2.13	3.18	1.02	8.83	2.18	4.80	3
4	2.88	3.02	3.77	6.18	8.84	6.78	2.48	2.88	0.948	8.00	1.87	4.84	4
5	3.81	2.82	3.81	6.38	7.18	8.21	3.01	2.88	1.74	7.43	3.81	4.83	5
6	2.78	2.88	3.78	6.88	10.3	8.82	3.38	2.40	1.77	7.22	3.81	4.83	6
7	3.08	2.78	3.84	6.82	10.8	8.18	3.74	2.38	1.84	7.11	2.72	8.08	7
8	2.88	2.76	3.40	6.81	8.18	8.88	3.38	2.40	1.76	8.13	2.40	5.81	8
9	3.11	2.78	3.88	6.82	7.38	7.84	3.87	2.48	1.81	8.83	2.40	5.87	9
10	3.04	3.02	3.84	6.82	8.38	8.88	3.80	2.88	2.18	8.73	2.48	5.81	10
11	3.11	2.88	8.80	6.88	11.8	8.18	3.38	2.88	2.28	8.38	3.18	5.30	11
12	3.31	2.78	8.88	8.78	18.8	3.87	3.84	1.88	2.88	8.80	3.18	4.82	12
13	3.88	2.72	8.84	7.38	18.2	3.87	4.48	2.10	2.40	8.73	2.88	4.84	13
14	3.00	2.82	8.87	8.73	18.7	3.88	3.88	2.11	2.40	8.87	2.72	3.70	14
15	2.33	2.78	3.02	8.71	17.8	4.23	3.77	2.13	1.83	8.48	3.17	3.38	15
16	2.48	2.82	3.18	8.88	7.08	4.82	3.88	2.28	1.81	8.82	2.78	3.01	16
17	2.78	2.48	8.08	8.82	8.38	4.72	3.77	2.38	1.34	8.88	2.88	3.11	17
18	2.88	2.82	8.88	8.78	14.1	8.48	4.03	2.22	1.12	8.38	8.71	3.11	18
19	2.88	2.78	8.84	8.73	11.4	8.78	3.88	1.87	1.24	8.83	8.88	2.88	19
20	2.72	2.88	8.88	8.82	8.43	8.88	3.83	1.27	1.22	8.83	3.48	3.08	20
21	2.88	3.08	8.81	7.13	8.73	8.82	3.80	1.15	1.18	8.28	2.78	2.78	21
22	2.38	2.81	8.88	7.30	12.8	8.88	3.83	2.28	1.28	8.38	2.88	3.82	22
23	2.80	3.11	8.82	7.13	7.38	8.88	3.18	1.81	1.20	8.28	2.28	3.18	23
24	2.88	3.70	7.38	8.84	7.32	7.01	2.38	1.48	1.11	8.83	2.70	2.88	24
25	2.33	3.80	8.33	8.88	7.11	8.38	1.88	1.84	1.88	8.81	3.04	3.33	25
26	2.88	3.27	4.42	7.07	8.14	5.84	2.20	1.24	1.11	8.38	2.78	2.80	26
27	2.88	2.88	8.08	7.18	11.1	4.88	3.40	1.22	1.27	3.78	2.78	2.88	27
28	2.48	3.88	8.88	7.44	8.34	8.37	3.21	1.28	1.78	3.81	3.80	2.78	28
29	2.88	3.18	11.7	8.18	7.88	4.82	3.88	1.27	2.83	3.87	18.2	2.88	29
30	3.08		8.78	8.80	8.28	3.87	3.48	1.18	8.08	3.84	8.14	2.83	30
31	2.78		8.08		8.82		3.83	1.11		3.22		2.88	31
TOTAL	84.87	83.70	188.34	207.88	305.87	181.87	103.33	85.08	51.818	188.88	188.88	113.80	TOTAL
MEAN	2.73	2.88	8.43	6.82	9.88	8.40	3.33	2.10	1.73	8.34	3.83	3.88	MEAN
MAX	3.31	3.80	11.7	8.80	18.2	8.21	4.48	3.41	8.08	8.38	18.8	8.87	MAX
MIN	2.00	2.27	3.02	8.84	8.34	3.87	1.88	1.11	0.948	3.22	1.87	2.18	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 18.2 ON MAY 13
MINIMUM DAILY, 0.948 ON SEP 4

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 58 28 N
LONG 57 54 11 W
DRAINAGE AREA, 127 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 310	JUL	8 830
FEB	7 230	AUG	8 820
MAR	14 800	SEP	4 480
APR	17 800	OCT	17 000
MAY	28 400	NOV	8 400
JUN	18 800	DEC	8 820

TOTAL DISCHARGE, 145 000 dam³

DATA CONTRIBUTED BY -
DEER LAKE POWER COMPANY LIMITED

REGULATED

NEWFOUNDLAND AND LABRADOR

DEER LAKE AT DEER LAKE - STATION NO. 02YL007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.889	4.892	4.837	5.841	5.818	5.644	5.185	5.018	4.235	4.887	5.282	5.858A	1
2	4.878	4.889	4.884	5.873	5.706	5.317	5.212	5.012	4.234	5.048	5.282	---	2
3	4.529	4.900	4.896	5.748	5.729	5.205	5.279	4.983	---	5.088	5.333	---	3
4	4.569	4.867	5.046	5.784	5.706	5.116	5.282	4.982	---	5.083	5.488	---	4
5	4.831	4.878	5.101	5.738	5.686	5.000	5.201	4.951	---	5.088	5.888	---	5
6	4.706	4.864	5.147	5.678	5.697	5.838	5.127	4.838	4.133A	5.175	5.783	---	6
7	4.737	4.886	5.189	5.880	5.742	5.886	5.123	4.840	4.114	5.280	5.806	---	7
8	4.768	4.893	5.178	5.823	5.780	5.822	5.128	4.828	4.121	5.389	5.813	---	8
9	4.778	4.871	5.181	5.806	5.841	5.876	5.132	4.828	4.126	5.407	5.830	---	9
10	4.805	4.858	5.188	5.888	5.892	5.982	5.128	4.808	4.144	5.427	5.818	---	10
11	4.818	4.886	5.188	5.881	6.018	5.844	5.102	4.822	4.202	5.433	5.771	---	11
12	4.812	4.886	5.177	5.887	6.202	5.887	5.084	4.813	4.280	5.428	5.788	---	12
13	4.811	4.888	5.181	5.818	6.422	5.788	5.116	4.810	4.802	5.448	5.812	---	13
14	4.816	4.873	5.201	5.883	6.882	5.706	5.122	4.804	4.900	5.446	5.818	---	14
15	4.817	4.884	5.218	5.418	6.889	5.832	5.187	4.810	4.718	5.442	5.805	---	15
16	4.818	4.888	5.234	5.372	6.874	5.884	5.184	4.807	4.823	5.433	5.788	---	16
17	4.827	4.914	5.260	5.382	6.818	5.488	5.189	4.803	4.826	5.383	5.718	---	17
18	4.841	4.913	5.238	5.324	6.848	5.451	5.180	4.880	4.873	5.388	5.675	---	18
19	4.863	4.911	5.213	5.307	6.883	5.428	5.142	4.784	5.012	5.323	5.889	---	19
20	4.888	4.907	5.183	5.280	7.142	5.383	5.144	4.883	5.023	5.388	5.882	---	20
21	4.830	4.888	5.178	5.280	7.232	5.335	5.148	4.881	5.003	5.288	5.837	5.118A	21
22	4.838	4.882	5.183	5.283	7.274	5.278	5.138	4.844	4.978	5.287	5.804	5.122	22
23	4.835	4.867	5.180	5.281	7.321	5.241	5.118	4.804	4.967	5.240	5.886	5.126	23
24	4.843	4.878	5.072	5.283	7.329	5.217	5.081	4.470	4.939	5.234	5.818	5.088	24
25	4.888	4.881	5.088	5.301	7.338	5.182	5.074	4.434	4.931	5.228	5.483	4.888	25
26	4.873	4.888	5.044	5.308	7.126	5.148	5.088	4.402	4.902	5.238	5.441	4.888	26
27	4.884	4.901	5.030	5.321	7.088	5.131	5.086	4.387	4.847	5.247	5.411	4.889	27
28	4.870	4.928	5.080	5.354	6.988	5.120	5.041	4.331	4.814	5.280	5.388	4.921	28
29	4.888	4.930	5.120	5.408	6.874	5.118	5.038	4.308	4.831	5.257	5.402	4.980	29
30	4.873		5.217	5.478	6.777	5.128	5.030	4.282	4.818	5.282	5.488	4.987	30
31	4.888		5.270		6.828		5.028	4.242		5.288		4.977	31
MEAN	4.798	4.888	5.140	5.488	6.828	5.832	5.128	4.733	---	5.281	5.817	---	MEAN
MAX	4.888	4.930	5.272	5.784	7.331	5.444	5.282	5.018	---	5.448	5.830	---	MAX
MIN	4.529	4.858	4.837	5.280	5.818	5.118	5.028	4.242	---	4.887	5.282	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.331 ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 10 12 N
LONG 57 26 36 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DEER LAKE NEAR PASADENA - STATION NO. 02YL008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.801	4.805	4.888	5.842	5.838	---	5.188	5.018	4.224	5.088	5.278	5.841	1
2	4.848	4.813	4.883	5.888	5.730A	---	5.235	4.988	4.214	5.088	5.284	5.718	2
3	4.888	4.807	5.011	5.738	---	5.213A	5.280	4.988	4.180	5.088	5.321	5.723	3
4	4.838	4.888	5.084	5.788	---	5.111	5.283	4.981	4.173	5.087	5.481	5.888	4
5	4.884	4.887	5.123	5.728	---	5.014	5.201	4.844	4.184	5.122	5.887	5.832	5
6	4.720	4.883	5.188	5.888	---	5.845	5.138	4.833	4.140	5.188	5.773	5.888	6
7	4.780	4.884	5.178	5.840	---	5.801	5.141	4.823	4.128	5.288	5.788	5.482	7
8	4.781	4.888	5.180	5.818	---	5.817	5.141	4.828	4.123	5.388	5.788	5.442	8
9	4.801	4.878	5.188	5.808	---	5.881	5.142	4.813	4.114	5.438	5.823	5.381	9
10	4.818	4.887	5.184	5.888	---	5.878	5.141	4.807	4.121	5.448	5.808	5.381	10
11	4.828	4.874	5.182	5.880	6.023A	5.837	5.138	4.888	4.201	5.483	5.778	5.382	11
12	4.828	4.871	5.178	5.848	6.218	5.871	5.107	4.888	4.382	5.447	5.788	5.283	12
13	4.828	4.878	5.181	5.488	6.447	5.787	5.148	4.801	4.488	5.483	5.808	5.224	13
14	4.808	4.880	5.208	5.441	6.708	5.708	5.147	4.801	4.608	5.483	5.828	5.200	14
15	4.810	4.888	5.222	5.408	6.884	5.823	5.187	4.887	4.738	5.443	5.787	5.188	15
16	4.818	4.801	5.238	5.388	6.878	5.883	5.180	4.818	4.838	5.428	5.787	5.174	15
17	4.840	4.818	5.248	5.347	6.822	5.488	5.171	4.818	4.888	5.388	5.728	5.187	17
18	4.857	4.838	5.240	5.334	6.848	5.418	5.148	4.888	4.884	5.358	5.887	5.184	18
19	4.872	4.827	5.214	5.304	6.858	5.402	5.148	---	5.022	5.328	5.888	5.148	19
20	4.872	4.828	5.188	5.298	7.138	5.378	5.183	---	5.042	5.281	5.884	5.144	20
21	4.858	4.818	5.188	5.298	7.217	5.338	5.144	---	5.018	5.288	5.888	5.144	21
22	4.838	4.888	5.138	5.282	7.388	5.278	5.138	---	4.881	5.288	5.818	5.148	22
23	4.848	4.878	5.102	5.318	7.308	5.247	5.113	---	4.872	5.247	5.888	3.148	23
24	4.858	4.888	5.081	5.317	7.327A	5.225	5.084	---	4.882	5.237	5.828	5.128	24
25	4.872	4.887	5.088	5.324	---	5.206	5.078	---	4.844	5.228	5.484	5.004	25
26	4.881	4.888	5.054	5.328	---	5.183	5.072	---	4.833	5.228	5.484	4.887	26
27	4.888	4.818	5.048	5.348	---	5.188	5.088	---	4.881	5.240	5.428	4.838	27
28	4.877	4.838	5.088	5.381	---	5.148	5.040	---	4.847	5.253	5.403	4.888	28
29	4.888	4.883	5.138	5.428	---	5.144	5.033	---	4.884	5.282	5.437	4.883	29
30	4.882		5.228	5.804	---	5.188	5.038	4.287A	4.828	5.284	5.828	5.008	30
31	4.888		5.388		---		5.018	4.234		5.287		5.010	31
MEAN	4.801	4.801	5.148	5.473	---	---	5.134	---	4.804	5.287	5.821	5.285	MEAN
MAX	4.888	4.883	5.388	5.788	---	---	5.283	---	5.042	5.483	5.828	5.723	MAX
MIN	4.848	4.887	4.888	5.282	---	---	5.018	---	4.114	5.008	5.278	4.887	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.327A ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 32 N
LONG 57 36 41 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

EAGLE RIVER ABOVE FALLS - STATION NO. 03OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.8B	44.0B	33.0B	36.0B	41.0B	788	572	144	85.8	163	201	107 B	1
2	37.0B	43.5B	33.0B	38.0B	47.0B	728	524	137	85.1	149	187	103 B	2
3	36.0B	43.0B	33.3B	40.0B	58.0B	718	486	133	84.3	148	182	101 B	3
4	35.0B	42.5B	33.2B	41.5B	74.0B	681	452	131	83.1	158	197	99.5B	4
5	33.5B	42.0B	33.0B	42.0B	92.0B	614	422	126	82.5	188	203	97.0B	5
6	32.5B	41.5B	32.8B	43.5B	117 B	535	388	120	83.0	189	193	95.0B	6
7	32.0B	41.2B	33.0B	44.5B	148 B	536	364	117	83.0E	170	1408	93.0B	7
8	31.0B	40.5B	32.4B	45.0B	230 B	577	336	116	84.5E	170	1888	90.0B	8
9	30.0B	40.2B	32.3B	45.0B	300 B	581	317	111	87.0E	173	1578	89.0B	9
10	29.0B	40.0B	32.0B	44.5B	405 B	581	298	112	100 E	173	1488	87.0B	10
11	28.0B	39.0B	33.0B	44.2B	591 B	685	288	111	104 E	178	1408	84.5B	11
12	27.5B	38.2B	33.0B	43.5B	678	628	281	118	108 E	184	1328	82.5B	12
13	26.5B	38.0B	32.5B	43.0B	871	576	294	122	111 E	207	1278	81.0B	13
14	26.0B	35.5B	33.5B	43.2B	1 070	527	289	123	116	238	1308	79.5B	14
15	25.0B	36.0B	34.5B	42.5B	1 220	476	283	124	128	232	1188	77.5B	15
16	24.5B	37.0B	35.0B	42.0B	1 280	447	283	124	143	231	1118	76.0B	16
17	23.5B	37.5B	35.1B	41.5B	1 280	437	286	123	153	228	1088	74.5B	17
18	23.0B	37.0B	35.0B	41.2B	1 220	417	287	118	155	220	1188	73.0B	18
19	22.0B	36.5B	34.5B	40.5B	1 150	401	280	116	155	213	1318	71.5B	19
20	21.5B	36.0B	34.5B	40.2B	1 080	381	288	113	151	213	1438	70.0B	20
21	21.0B	36.2B	34.0B	39.5B	1 070	376	288	112	155	223	1378	69.0B	21
22	20.0B	36.0B	33.5B	39.2B	1 020	366	248	112	155	233	1338	67.0B	22
23	19.5B	35.5B	33.1B	38.0B	1 040	481	237	111	154	218	1308	65.5B	23
24	19.0B	35.2B	32.5B	38.5B	1 130	512	226	110	154	215	1278	64.5B	24
25	18.0B	35.0B	32.2B	38.0B	1 180	572	212	108	154	218	1228	63.0B	25
26	17.5B	34.5B	33.2B	37.5B	1 180	703	200	105	148	222	1198	62.0B	26
27	17.0B	34.5B	33.0B	37.0B	1 130	707	185	102	148	224	1178	61.2B	27
28	16.5B	34.2B	34.0B	36.5B	1 180	687	178	99.2	185	218	1158	59.5B	28
29	15.5B	34.0B	35.0B	36.0B	1 080	657	169	97.7	158	215	1138	58.3B	29
30	15.0B		36.0B	36.3B	975	626	161	96.8	156	211	1088	57.0B	30
31	14.5B		37.0B		881		151	96.7		204		56.0B	31
TOTAL	1 705.1	1 113.7	1 043.0	1 235.6	33 983.0	17 681	9 270	3 586.5	3 809.3	6 181	4 284	2 414.5	TOTAL
MEAN	55.0	38.4	33.5	40.5	773	590	299	116	127	199	143	77.9	MEAN
MAX	37.8	44.0	37.0	45.0	1 280	788	572	144	188	233	203	107	MAX
MIN	14.5	34.0	32.0	36.3	41.0	376	151	96.7	82.0	148	108	56.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 396
MAXIMUM DAILY, 1 280 ON MAY 16
MINIMUM DAILY, 32.0B ON MAR 10
MAXIMUM INSTANTANEOUS,
1 320 AT 08:10 AST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 03 N
LONG 57 38 42 W
DRAINAGE AREA, 10 800 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	147 000	JUL	801 000
FEB	86 200	AUG	310 000
MAR	90 000	SEP	328 000
APR	106 000	OCT	531 000
MAY	2 070 000	NOV	370 000
JUN	1 530 000	DEC	208 000

TOTAL DISCHARGE, 8 580 000 dam³

EXPLOITS RIVER AT GRAND FALLS - STATION NO. 02YD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	170	144	183	371	610	219	177	170	230	180	184	210	1
2	171	144	191	387	621	333	204	173	176	188	188	187	2
3	148	138	188	387	470	438	384	175	173	212	231	177	3
4	147	132	203	348	482	432	288	163	161	182	208	176	4
5	183	133	190	348	489	438	384	162	44.2	178	213	189	5
6	140	134	187	340	486	438	273	160	150	236	200	185	6
7	151	133	178	364	504	534	258	178	185	240	198	174	7
8	130	133	188	351	486	547	237	174	183	182	202	183	8
9	128	140	188	351	487	513	220	171	188	180	208	189	9
10	198	138	149	348	487	413	200	188	188	208	180	187	10
11	147	137	180	433	487	300	180	178	180	244	188	183	11
12	144	136	170	438	433	228	187	188	180	188	184	188	12
13	148	138	187	488	447	208	188	174	181	178	184	149	13
14	188	136	183	388	442	188	174	178	181	174	200	187	14
15	114	132	188	382	438	178	188	172	171	184	210	172	15
16	118	134	178	345	402	187	183	171	188	182	181	177	16
17	128	118	188	331	387	184	171	170	183	174	178	180	17
18	144	124	170	340	182	180	178	170	183	178	183	138	18
19	140	138	188	340	180	218	183	182	183	187	213	184	19
20	128	128	188	340	173	213	201	178	188	170	183	188	20
21	132	135	183	413	184	181	188	170	187	178	178	188	21
22	138	138	183	480	178	188	180	177	183	188	178	172	22
23	128	138	173	501	184	183	187	178	187	180	183	183	23
24	133	142	173	488	187	178	178	171	172	178	187	124	24
25	138	147	178	438	174	188	172	174	187	182	183	127	25
26	142	144	188	388	188	178	188	173	178	178	183	132	26
27	138	184	188	388	282	181	184	188	172	208	178	183	27
28	148	181	188	388	331	183	184	187	173	178	178	138	28
29	141	187	274	405	323	188	188	171	182	188	187	181	29
30	137		323	433	308	183	173	171	177	181	243	122	30
31	138		442		228		174	187		183		128	31
TOTAL	4 338	3 983	5 938	11 602	10 884	8 171	8 358	5 381	4 888.2	5 883	5 870	4 871	TOTAL
MEAN	140	137	192	383	383	272	206	174	182	188	188	180	MEAN
MAX	171	187	442	501	621	547	384	188	230	244	288	210	MAX
MIN	114	118	148	287	187	178	171	187	44.2	187	152	122	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 214
MAXIMUM DAILY, 547 ON JUN 8
MINIMUM DAILY, 44.2 ON SEP 8

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 55 50 N
LONG 55 40 07 W
DRAINAGE AREA, 8 380 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	375 000	JUL	549 000
FEB	342 000	AUG	468 000
MAR	513 000	SEP	421 000
APR	994 000	OCT	507 000
MAY	948 000	NOV	507 000
JUN	708 000	DEC	428 000

TOTAL DISCHARGE, 6 780 000 dam³

DATA CONTRIBUTED BY -
ABITIBI-PRICE INC., GRAND FALLS DIVISION

REMARKS - DRAINAGE AREA FROM 1978 TO 1988 PUBLISHED AS 8480 km²; SHOULD HAVE BEEN 8390 km²

NEWFOUNDLAND AND LABRADOR

EXPLOITS RIVER BELOW NOEL PAULS BROOK - STATION NO. 02YD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	130 B	113 B	188	270E	375	208	198E	183	238	187	482	173	1
2	140 B	116 B	193	274E	387	338	210E	195	193	188	177	148	2
3	124 B	118 B	180	288E	342	383	240E	201	180	207	195	142	3
4	121 B	111 B	170	280E	342	386	260E	210	118	178	218	146	4
5	126 B	112 B	180	248A	388	389	330E	207	124	178	182	147	5
6	128 B	116 B	128	280	388	404	388E	302	208	192	183	150	6
7	140 B	117 B	118	288	412	494	360E	189	178	174	184	148	7
8	125 B	120 B	104	287	418	526	298E	187	188	148	152	152	8
9	116 B	123 B	110	273	400	800	214E	186	188	184	138	1308	9
10	124 B	119 B	117	298	400	380	183E	188	177	177	129	1428	10
11	128 B	118 B	118	335	389	387	182E	187	185	231	180	1288	11
12	133 B	115 B	138	338	321	280	178A	184	181	180	188	1358	12
13	122 B	114 B	148	328	388	255	176	182	173	157	180	1278	13
14	138 B	112 B	188	308	358	224A	178	183	185	158	180	1308	14
15	104 B	111 B	143	288	348	200E	183	188	187	188	184	1388	15
16	88.0B	108 B	133	280	298	194E	188	191	188	188	142	1488	16
17	107 B	108 B	128	288	301	188E	178	184	188	181	143	1388	17
18	112 B	108 B	138	287	143	200E	188	182	171	185	188	1318	18
19	118 B	108 B	148	282	188	230E	188	189	172	188	178	1288	19
20	110 B	110 B	140	280	174	248E	200	189	188	188	183	1408	20
21	108 B	100 B	142	348	178	238E	200	188	185	174	147	1388	21
22	111 B	88.0B	153	388	178	220E	184	182	185	185	151	1478	22
23	108 B	80.0B	185	382	172	210E	184	188	176	184	151	1408	22
24	108 B	110 B	182	340	171	203E	183	183	185	181	185	1118	24
25	108 B	120 B	158	298	178	198E	188	182	187	183	183	1088	25
26	111 B	120 B	188	272	187	187E	204	180	180	184	147	1078	26
27	108 B	140 B	185	278	278	198E	202	182	187	208	146	1278	27
28	108 B	188 B	187	288	338	198E	188	180	184	172	150	1288	28
29	107 B	188	242	318	328	184E	191	188	184	178	178	1388	28
30	118 B		248	332	278	184E	198	185	183	198	182	1158	30
31	118 B		283A		213		188	222		187		1108	31
TOTAL	3 829.0	3 382.0	4 894	8 828	8 818	8 384	8 823	8 848	8 338	8 498	4 882	4 231	TOTAL
MEAN	117	118	158	288	291	280	214	185	178	177	182	136	MEAN
MAX	148	188	283	388	418	528	388	222	238	221	218	173	MAX
MIN	88.8	80.8	184	248	143	184	188	183	118	148	128	187	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 183
MAXIMUM DAILY, 838 ON JUN 8
MINIMUM DAILY, 80.0B ON FEB 23
MAXIMUM INSTANTANEOUS,
843 AT 11:58 NST ON JUN 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 27 N
LONG 58 18 33 W
DRAINAGE AREA, 8 388 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	314 888	JUL	572 888
FEB	281 888	AUG	523 888
MAR	423 888	SEP	481 888
APR	771 888	OCT	474 888
MAY	778 888	NOV	418 888
JUN	725 888	DEC	388 888

TOTAL DISCHARGE, 8 128 888 dam³

REMARKS - PUBLISHED IN 1985-86 AS 8378 km², REVISED TO 8388 km² IN 1987

EXPLOITS RIVER BELOW STONY BROOK - STATION NO. 02YD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	202	183	342	528	835	383	351	237	384	388	288	311	1
2	228	184	382	584	843	418	278	242	253	288	248	288	2
3	288	183	388	583	583	538	352	238	231	281	288	283	3
4	185	178	381	488	558	542	418	284	221	284	338	248	4
5	284	185	348	482	588	538	477A	288	81.8	247	332	348	5
6	287	188	388	428	588	548	488E	288	181	324	388	323	6
7	227	188	288	438	824	844	388E	287	228	328	288	233	7
8	188	182	248	488	848	882	318E	241	218	285	287	288	8
9	188	288	288	451	828	888	278E	238	287	243	288	281	9
18	282	181	388	478	888	848	283E	282	287	281	288	232	18
11	281	188	228	538	885	418	238E	248	222	327	281	287	11
12	288	184	251	543	588	351	238E	242	223	284	281	228	12
13	188	183	288	515	858	388	238E	228	223	248	278	284	13
14	222	184	283	488	582	281	247A	238	228	248	288	381	14
15	178	188	384	488	542	281	288	234	248	281	318	328	15
16	181	178	288	438	588	382	288	238	232	248	288	241	16
17	178	188	342	428	487	288	238	232	228	242	241	227	17
18	188	178	227	432	285	284	248	234	228	238	288	193	18
19	188	178	233	442	288	318	282	287	227	237	284	288	18
28	178	178	241	443	278	388	288	241	227	243	281	318	28
21	178	181	228	521	272	273	288	238	228	244	242	288	21
22	182	148	218	588	288	288	288	238	222	288	281	244	22
23	174	127	228	588	288	284	288	242	218	288	238	227	23
24	172	182	228	562	288	248	248	238	223	288	242	184	24
25	172	282	238	521	281	288	238	234	228	283	283	178	25
28	181	388	234	488	288	284	287	232	228	288	281	173	28
27	178	212	243	488	312	284	288	231	228	288	238	288	27
28	174	278	281	488	428	283	283	231	232	287	248	287	28
28	178	388	488	522	438	285	288	238	248	248	283	217	28
38	188		532	583	413	288	227	231	281	282	333	188	38
31	188		541		338		238	238		288		184	31
TOTAL	5 874	5 848	8 888	14 731	14 888	11 834	8 865	7 448	8 748.8	8 388	8 188	8 844	TOTAL
MEAN	188	181	281	481	484	388	288	248	228	285	271	234	MEAN
MAX	227	388	541	588	848	882	477	282	384	327	338	311	MAX
MIN	181	127	388	428	288	248	228	238	81.8	237	238	173	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 281
MAXIMUM DAILY, 882 ON JUN 8
MINIMUM DAILY, 81.8 ON SEP 5
MAXIMUM INSTANTANEOUS,
887 AT 18:37 NST ON JUN 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 27 N
LONG 55 38 38 W
DRAINAGE AREA, 8 848 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	808 888	JUL	748 888
FEB	478 888	AUG	644 888
MAR	778 888	SEP	583 888
APR	1 278 888	OCT	788 888
MAY	1 238 888	NOV	783 888
JUN	883 888	DEC	888 888

TOTAL DISCHARGE, 8 288 888 dam³

GANDER RIVER AT BIG CHUTE - STATION NO. 02YG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.8	27.2E	278	418	329	88.8	92.8	31.3	17.3	20.7	46.6	157	1
2	50.8	27.1E	282	452	361	89.8	96.5	30.8	16.3	22.8	45.9	181	2
3	47.7	27.0E	415	485	380	85.1	103	27.8	15.0	23.1	47.5	189	3
4	45.2	27.5E	480	483	361	113	113	26.8	14.7	22.1	52.8	183	4
5	44.0E	30.5E	473A	421	351	128	124	25.5	14.9	22.2	55.4	147	5
6	42.6	30.3E	470E	382	348	147	127	23.8	15.7	27.2	74.9	138	6
7	38.4	30.0E	430E	383	346	172	128	23.8	14.8	35.4	82.7	128	7
8	42.0E	29.7E	388E	343	348	186	123	23.6	13.9	43.5	88.3	118	8
9	52.0E	29.3E	336E	331	341	206	118	23.0	13.4	48.2	85.0	110	9
10	48.5E	28.8E	318A	324	323	202	110	27.4	13.6	52.5	88.4	103	10
11	42.1	28.5E	298	344	314	200	104	26.0	14.3	52.1	105	95.7	11
12	38.0	28.1E	288	373	313	200	98.0	24.6	13.1	54.1	104	87.6	12
13	36.0E	27.8E	268	372	306	191	89.5	23.3	13.2	54.4	104	81.2	13
14	35.5E	27.2E	283	358	291	182	84.2	22.4	14.9	54.1	108	75.8	14
15	34.5E	26.8E	280	337	272	171	81.5	22.1	14.3	54.0	107	70.4	15
16	33.5E	26.6E	278	315	254	159	76.6	20.7	14.0	52.7	108	71.0	16
17	32.5E	26.4E	262	295	235	145	69.7	19.8	14.6	53.1	115	66.6	17
18	31.5E	26.0E	245	276	213	139	65.5	18.8	15.7	52.2	119	58.2	18
19	31.0E	25.5E	225	258	193	131	61.4	18.5	16.5	51.3	120	52.3	19
20	30.4E	25.5E	205	284	178	132	57.7	18.5	17.1	50.5	121	58.5	20
21	30.0E	25.5E	192	372	159	131	55.2	17.0	18.2	48.7	120	55.5	21
22	29.5E	25.0E	178	305	145	124	52.5	17.6	16.5	47.0	113	53.4	22
23	29.0E	33.0E	159	331	133	120	48.7	18.0	18.7	46.3	112	51.7	23
24	28.5E	38.0	148	340	123	111	48.1	18.7	18.6	46.3	108	51.0E	24
25	28.5	46.5	138	335	114	105	44.8	19.2	18.5	48.8	101	50.5E	25
26	29.1	58.5	131	321	108	100	41.8	19.5	17.7	48.2	98.2	50.0E	26
27	29.4	60.9	123	314	108	96.4	40.1	20.0	18.1	48.6	97.5	49.5E	27
28	28.6	115	126	306	103	93.3	37.6	19.2	17.4	48.6	103	48.0E	28
29	26.3E	184	180	305	99.1	89.7	35.8	18.2	18.0	48.1	118	47.0E	29
30	26.0E		282	314	95.8	89.4	34.5	18.3	19.6	47.8	140	46.0E	30
31	27.8E		353		93.8		33.7	17.8		47.6		44.0E	31
TOTAL	1 124.8	1 188.8	8 519	10 316	7 315.8	4 143.5	2 390.9	884.4	480.2	1 363.8	2 918.0	2 880.8	TOTAL
MEAN	36.3	40.3	275	344	236	138	77.1	22.1	16.0	44.0	97.3	85.5	MEAN
MAX	52.8	184	473	485	361	206	127	31.3	19.6	54.4	140	181	MAX
MIN	27.8	25.5	123	284	93.8	88.8	33.7	17.0	13.1	20.7	45.9	44.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 473A ON MAR 6
MINIMUM DAILY, 13.1 ON SEP 12
MAXIMUM INSTANTANEOUS,
473 AT 09:30 NST ON MAR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 55 N
LONG 54 51 13 W
DRAINAGE AREA, 4 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	97 200	JUL	207 000
FEB	101 000	AUG	88 100
MAR	736 000	SEP	41 500
APR	891 000	OCT	116 000
MAY	632 000	NOV	252 000
JUN	358 000	DEC	229 000

TOTAL DISCHARGE, 3 720 000 dam³

GARNISH RIVER NEAR GARNISH - STATION NO. 02ZE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70 B	6.20B	57.7	21.3	8.31	5.85	25.6	4.82	3.60	3.82	8.37	9.30	1
2	2.42 B	7.65B	42.6	18.0	7.70	8.33	24.2	4.10	3.54	3.87	8.24	9.02	2
3	2.27 B	8.38B	36.5	16.3	8.11	10.1	25.5	3.82	3.18	3.68	8.88	8.84	3
4	2.11 B	8.90B	32.1	14.2	11.3	10.6	25.4	4.00	2.80	3.37	9.83	8.05	4
5	2.48 B	8.90B	33.9	14.1	13.6	14.0	22.6	3.68	2.63	4.88	12.2	7.12	5
6	2.81 B	9.20B	36.1	12.7	15.1	24.6	18.3	3.85	2.80	15.7	12.0	8.20B	6
7	2.25 B	8.40B	32.4	12.2	14.2	27.6	16.4	3.39	3.39	27.6	12.4	8.65B	7
8	2.01 B	7.78B	34.3	11.3	13.3	24.6	14.1	3.16	3.48	28.8	13.6	8.18B	8
9	1.84 B	8.65B	32.7	10.8	12.3	18.8	12.2	2.85	2.93	20.8	18.7	4.82B	9
10	1.89 B	8.43B	27.7	10.7	11.1	18.1	10.7	2.82	2.86	18.4	16.8	4.40B	10
11	1.87 B	8.95B	31.8	22.3	9.77	17.8	11.2	2.80	3.78	13.8	14.7	4.10B	11
12	1.42 B	8.47B	44.6	24.8	8.80	16.2	11.8	2.33	4.86	12.3	13.8	3.82B	12
13	1.32 B	8.32B	38.2	20.4	8.38	16.3	11.6	2.06	5.26	11.8	12.8	3.69B	13
14	1.48 B	8.65B	28.8	17.3	7.82	14.2	10.5 *	2.43	5.72	11.2	12.1	3.61B	14
15	1.58 B	8.18B	21.3	14.7	8.82	12.6	9.82	1.88	7.87	10.3	11.8	3.28B	15
16	1.47 B	10.0 B	18.7	12.3	8.17	10.8	8.82	1.87	8.78	9.84	11.8	3.80B	16
17	1.38 B	20.1 B	13.8	10.8	8.10	8.28	7.27	1.78	8.88	8.94	12.0	8.00B	17
18	1.38 B	30.0 B	10.6	14.5	4.42	10.1	8.37	1.85	8.77	8.29	11.5	8.83B	18
19	1.32 B	41.5 B	9.14	13.0	4.16	8.83	8.77	1.81	8.28	7.89	11.1	8.68B	19
20	1.17 B	31.5 B	7.98	15.4	4.18	10.3	8.83	1.87	8.74	7.23	10.9	8.00B	20
21	1.12 B	28.5 B	7.48	25.7	3.82	10.0	7.24	1.68	8.18	8.83	10.4	8.80B	21
22	1.06 B	26.2	7.30	46.8	3.47	9.38	7.90	1.64	7.83	8.31	11.2	7.20B	22
23	1.01 B	27.0	8.82	39.1	3.31	8.88	7.48	1.88	8.02	8.88	10.8	8.80B	23
24	0.940B	27.8	8.88	30.8	3.74	11.8	7.04	1.90	8.42	8.27	11.2	7.85B	24
25	1.18 B	83.1	8.33	24.5	4.18	10.0	8.98	2.11	5.83	8.00	8.38	7.13B	25
26	1.70 B	85.5	8.08	18.8	4.84	10.1	7.15	2.32	5.28	8.31	7.98	8.83B	26
27	3.05 B	83.8	8.04	16.0	4.80	15.7	8.58	2.18	5.07	8.87	7.77	8.02B	27
28	4.80 B	83.4	8.88	12.4	4.84	14.8	8.00	2.01	4.88	8.01	7.88	8.85B	28
29	10.8 B	82.8	11.7	10.4	4.77	17.3	8.52	1.77	4.30	8.88	8.78	8.03B	29
30	8.50 B		18.2	8.17	4.88	23.1	8.07	1.84	4.00	8.87	7.87	8.85B	30
31	8.90 B		21.5		4.88		4.81	2.17		8.58		8.10B	31
TOTAL	80.470	738.87	893.83	588.67	227.31	420.84	355.72	77.83	181.03	288.82	322.73	181.48	TOTAL
MEAN	2.80	25.5	22.4	18.8	7.33	14.0	11.5	2.51	6.37	9.34	10.8	8.16	MEAN
MAX	10.8	82.8	57.7	46.8	15.1	27.8	25.6	4.82	8.77	27.6	15.7	9.82	MAX
MIN	0.940	5.22	8.04	8.17	3.31	5.85	4.81	1.64	2.38	3.37	8.24	3.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 82.8 ON FEB 28
MINIMUM DAILY, 0.940B ON JAN 24
MAXIMUM INSTANTANEOUS,
107 AT 23:58 NST ON FEB 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 50 N
LONG 55 18 45 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 950	JUL	30 700
FEB	63 800	AUG	8 730
MAR	80 000	SEP	13 800
APR	45 300	OCT	28 000
MAY	18 800	NOV	27 800
JUN	38 300	DEC	18 800

TOTAL DISCHARGE, 388 000 dam³

NEWFOUNDLAND AND LABRADOR

GLIDE BROOK BELOW GLIDE LAKE - STATION NO. 02YK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.830B	0.900B	3.24	10.1	9.87	2.37	1.85	0.400A	0.481	3.37	1.05	0.81	1
2	0.815B	0.820B	2.81	8.82	8.88	3.78	2.02	0.380E	0.382	2.84	0.881	5.82	2
3	0.800B	0.860B	2.67	8.60	7.78	5.04	2.80	0.330E	0.352	2.34	1.38	4.35	3
4	0.885B	1.03 B	3.08	8.77	7.27	4.73	3.28	0.290E	0.281	1.90	2.27	3.35	4
5	0.873B	1.15 B	3.19	8.60	7.05	4.16	2.74	0.288E	0.247	1.74	2.58	2.82	5
6	0.880B	1.80 B	3.19	8.87	8.78	5.85	2.01	0.280E	0.308	4.81	2.38	2.23	6
7	0.850B	1.80 B	2.72	8.88	13.8	6.89	1.36	0.232E	0.275	7.61	2.83	1.89	7
8	0.840B	1.35 B	2.40	8.98	12.3	7.11	1.27	0.222E	0.243	8.88	2.84	1.58	8
9	0.830B	1.25 B	2.10 B	8.21	12.2	6.08	0.985	0.230E	0.270	5.01	2.86	1.37	9
10	0.820B	1.13 B	1.84	8.08	12.2	4.29	0.814	0.238E	0.282	4.13	2.84	1.18 B	10
11	0.805B	1.03 B	1.80 B	8.10	14.4	3.34	0.873	0.235E	1.46	3.48	2.89	1.08 B	11
12	0.800B	0.940B	2.10 B	8.44	17.8	2.87	0.832	0.328E	2.89	3.08	3.77	0.940B	12
13	0.483B	0.880B	2.07 B	8.75	18.9	1.98	2.48	0.237E	3.78	2.38	3.88	0.840B	13
14	0.488B	0.820B	1.88 B	3.88	18.8	1.86	4.85	0.238E	4.11	2.05	3.28	0.780B	14
15	0.580B	0.770B	1.85 B	3.08	13.8	1.42	3.87	0.234E	4.38	1.85	3.01	0.880B	15
16	0.720B	0.720B	1.73 B	2.84	10.5	1.22	3.01	0.232E	3.73	1.88	2.84	0.810B	16
17	1.00 B	0.880B	1.58 B	2.72	8.28	1.02	2.28	0.208E	3.02	1.48	2.47	0.850B	17
18	0.870B	0.840B	1.48 B	2.75	7.73	1.13	1.78	0.200A	2.38	1.31	2.28	0.800B	18
19	0.800B	0.800B	1.38 B	2.88	8.84	2.41	1.38	0.485	1.84	1.14	2.80	0.470B	19
20	0.880B	0.880B	1.28 B	3.24	8.20	2.88	1.08	1.28	1.83	1.07	2.78	0.700B	20
21	0.820B	0.710B	1.17 B	3.70	7.37	2.05	1.03	1.33	1.38	1.18	2.62	0.820B	21
22	0.780B	0.800B	1.08 B	4.31	6.71	1.80	0.928	1.27	1.07	1.21	2.08	0.880B	22
23	0.730B	0.810B	1.00 B	4.43	4.86	1.28	0.808	1.83	1.05	1.22	1.90	0.850B	23
24	0.880B	1.05 B	0.940B	4.27	3.73	1.05	0.878	1.81	1.02	1.15	1.88	0.820B	24
25	0.850B	1.17 B	0.880B	3.86	3.08	0.874	0.823	1.38	0.823	1.11	1.45	0.485B	25
26	0.830B	1.38 B	0.840B	4.81	2.87	0.783	0.831	1.15	0.788	1.08	1.20 B	0.480B	26
27	0.800B	1.85 B	0.893	5.58	5.02	0.737	0.488	0.928	0.727	1.05	1.10 B	0.430B	27
28	0.820B	1.78 B	2.05	6.62	8.72	0.788	0.428	0.748	0.782	1.08	1.00 B	0.418B	28
29	1.05 B	1.85 B	8.23	7.88	4.72	1.14	0.388	0.714	2.28	1.07	1.25 B	0.388B	29
30	1.15 B		8.02	8.84	3.83	1.88	0.372	0.581	3.88	1.08	4.44 B	0.378B	30
31	1.00 B		10.1		3.72		0.412	0.508		1.07		0.380B	31
TOTAL	21.838	30.630	78.533	180.41	378.38	81.172	47.852	18.868	48.832	72.42	70.121	42.823	TOTAL
MEAN	0.708	1.05	2.47	5.35	8.88	2.71	1.84	0.801	1.83	2.34	2.34	1.38	MEAN
MAX	1.15	1.85	10.1	10.1	18.8	7.11	4.85	1.81	4.38	7.81	4.44	8.81	MAX
MIN	0.485	0.690	0.840	2.72	2.72	0.737	0.372	0.200	0.243	1.08	0.881	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.89
MAXIMUM DAILY, 18.8 ON MAY 13
MINIMUM DAILY, 0.200A ON AUG 18
MAXIMUM INSTANTANEOUS,
18.2 AT 20:33 NST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 08 50 N
LONG 57 22 08 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 900	JUL	4 130
FEB	2 820	AUG	1 810
MAR	6 810	SEP	3 880
APR	13 800	OCT	6 280
MAY	34 100	NOV	8 080
JUN	7 010	DEC	3 700

TOTAL DISCHARGE, 81 900 dam³

GRAND LAKE AT MAIN DAM - STATION NO. 02YK008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	88.388	87.300	87.408	87.382	87.328	87.486	87.310	87.242	1
2	---	---	---	---	88.427	87.248	87.423	87.341	87.328	87.472	87.304	87.248	2
3	---	---	---	---	88.484	87.278	87.427	87.317	87.331	87.474	87.301	87.246	3
4	---	---	---	---	88.504	87.386	87.442	87.300	87.338	87.484	87.298	87.238	4
5	---	---	---	---	88.544	87.327	87.471	87.288	87.341	87.480	87.288	87.224	5
6	---	---	---	---	88.584	87.382	87.475	87.278	87.384	87.510	87.288	87.200	6
7	---	---	---	---	88.658	87.401	87.474	87.285	87.388	87.526	87.288	87.205	7
8	---	---	---	---	88.720	87.423	87.470	87.280	87.388	87.540	87.282	87.178	8
9	---	---	---	---	88.783	87.448	87.480	87.280	87.378	87.545	87.277	87.184	9
10	---	---	---	---	88.888	87.480	87.447	87.232	87.384	87.557	87.277	87.134	10
11	---	---	---	---	88.940	87.471	87.437	87.228	87.431	87.558	87.280A	87.108	11
12	---	---	---	---	88.982	87.483	87.438	87.223	87.448	87.567	---	87.081	12
13	---	---	---	---	88.185	87.487	87.488	87.201	87.488	87.563	---	87.058	13
14	---	---	---	---	88.288	87.480	87.521	87.188	87.495	87.558	---	87.023	14
15	---	---	---	---	88.372	87.448	87.524	87.188	87.508	87.554	---	87.018	15
16	---	---	---	---	88.434	87.441	87.528	87.183	87.520	87.541	---	87.003	16
17	---	---	---	---	88.503	87.432	87.528	87.132	87.528	87.528	---	86.987	17
18	---	---	---	---	88.881	87.428	87.525	87.148	87.528	87.518	---	86.958	18
19	---	---	---	---	88.884	87.428	87.518	87.178	87.528	87.507	---	86.932	19
20	---	---	---	88.138A	88.788	87.417	87.508	87.182	87.524	87.487	---	88.818	20
21	---	---	---	88.143	88.813	87.421	87.500	87.207	87.528	87.480	---	88.881	21
22	---	---	---	88.148	88.870	87.407	87.487	87.222	87.528	87.484	---	86.878	22
23	---	---	---	88.152	88.814	87.403	87.470	87.242	87.508	87.447	---	88.858	23
24	---	---	---	88.188	88.856	87.378	87.488	87.287	87.484	87.438	---	88.838	24
25	---	---	---	88.178	88.887	87.388	87.442	87.271	87.472	87.427	87.213A	88.838	25
26	---	---	---	88.187	87.030	87.381	87.433	87.281	87.488	87.423	87.183	88.850	26
27	---	---	---	88.208	87.088	87.347	87.414	87.288	87.483	87.408	87.172	88.837	27
28	---	---	---	88.241	87.128	87.388	87.388	87.302	87.481	87.388	87.188	88.824	28
29	---	---	---	88.282	87.180	87.381	87.383	87.311	87.488	87.374	87.213	88.799	29
30	---		---	88.303	87.184	87.382	87.378	87.321	87.483	87.381	87.241	88.778	30
31	---		---		87.182		87.371	87.322		87.327		88.784	31
MEAN	---	---	---	---	88.358	87.388	87.480	87.268	87.443	87.481	---	87.008	MEAN
MAX	---	---	---	---	87.182	87.471	87.528	87.352	87.528	87.587	---	87.248	MAX
MIN	---	---	---	---	88.388	87.300	87.371	87.132	87.328	87.327	---	88.784	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 87.587 ON OCT 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 11 47 N
LONG 57 15 35 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRAND LAKE EAST OF GRAND BROOK - STATION NO. 02YK010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	4.722	4.902	4.826	4.788	4.851	4.788	4.725	1
2	---	---	---	---	---	4.744	4.916	4.802	4.783	4.834	4.788	4.731	2
3	---	---	---	---	---	4.782	4.923	4.787	4.787	4.835	4.780	4.717	3
4	---	---	---	---	---	4.778	4.927	4.787	4.795	4.827	4.743	4.706	4
5	---	---	---	---	---	4.834	4.948	4.788	4.825	4.863	4.788	4.677	5
6	---	---	---	---	3.084A	4.888	4.887	4.748	4.811	5.008	4.783	4.883	6
7	---	---	---	---	3.124	4.885	4.878	4.722	4.803	4.884	4.788	4.858	7
8	---	---	---	---	3.188	4.823	4.858	4.724	4.807	5.012	4.753	4.886	8
9	---	---	---	---	3.238	4.841	4.845	4.707	4.818	5.045	4.782	4.823	9
10	---	---	---	---	3.307	4.883	4.840	4.710	4.838	5.020	4.746	4.810	10
11	---	---	---	---	3.388	4.885	4.835	4.884	4.878	5.038	4.731	4.887	11
12	---	---	---	---	3.518	4.948	4.812	4.877	4.902	5.035	4.718	4.884	12
13	---	---	---	---	3.648	4.941	4.888	4.871	4.828	5.038	4.738	4.847	13
14	---	---	---	---	3.738	4.921	5.008	4.887	4.941	5.030	4.786	4.850	14
15	---	---	---	---	3.818	4.920	5.007	4.841	4.880	5.018	4.717	4.828	15
16	---	---	---	---	3.888	4.901	4.888	4.844	4.893	5.000	4.718	4.487	16
17	---	---	---	---	3.883	4.912	5.002	4.828	4.887	4.981	4.728	4.486	17
18	---	---	---	---	4.081	4.891	5.005	4.885	5.000	4.978	4.734	4.493	18
19	---	---	---	---	4.135	4.886	5.000	4.882	4.884A	4.974	4.748	4.413	19
20	---	---	---	---	4.188	4.882	4.887	4.881	---	4.972	4.735	4.400	20
21	---	---	---	---	4.284	4.882	4.877	4.881	---	4.837	4.767	4.393	21
22	---	---	---	---	4.341	4.877	4.886	4.883	---	4.848	4.751	4.373	22
23	---	---	---	---	4.378	4.870	4.848	4.718	---	4.878	4.702	4.342	23
24	---	---	---	---	4.418	4.883	4.842	4.738	---	4.832	4.870	4.336	24
25	---	---	---	---	4.467	4.883	4.831	4.780	---	4.830	4.884	4.374	25
26	---	---	---	---	4.518	4.848	4.818	4.784	4.817A	4.908	4.872	4.348	26
27	---	---	---	---	4.542	4.828	4.887	4.783	4.809	4.878	4.880	4.328	27
28	---	---	---	---	4.587	4.822	4.891	4.773	4.817	4.888	4.882	4.323	28
29	---	---	---	---	4.844	4.862	4.877	4.788	4.883	4.880	4.888	4.291	29
30	---		---	---	4.888	4.894	4.888	4.771	4.847	4.895	4.898	4.242	30
31	---		---		4.883		4.841	4.783		4.788		4.288	31
MEAN	---	---	---	---	---	4.873	4.845	4.718	---	4.888	4.728	4.497	MEAN
MAX	---	---	---	---	---	4.883	5.008	4.828	---	5.045	4.788	4.731	MAX
MIN	---	---	---	---	---	4.722	4.841	4.828	---	4.788	4.880	4.242	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 5.045 ON OCT 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 40 12 N
LONG 58 04 48 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRANDY BROOK BELOW TOP POND BROOK - STATION NO. 02ZC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.36 B	2.70B	22.5 B	27.2	61.6	13.0	13.4	6.07	3.12	9.58	8.05	13.5	1
2	1.24 B	2.48B	20.5 B	22.8	34.6	83.4	48.4	4.15	2.25	8.80	8.78	9.20B	2
3	1.20 B	3.80B	18.0 B	18.3	7.81	12.8	28.8	3.11	1.77	8.60	107	8.00B	3
4	1.16 B	3.10B	16.0 B	17.2	8.40E	8.88	16.2	2.34	1.43	7.28	28.8	8.80B	4
5	1.12 B	2.88B	12.0 B	32.8	8.00E	28.5	8.78	2.08	1.95	27.1	14.8	8.30B	5
6	1.08 B	2.85B	10.0 B	30.7	8.80E	82.3	8.82	1.88	11.3	48.8	12.4	8.70B	6
7	1.05 B	3.40B	8.50B	24.8	13.8 E	27.4	5.88	1.48	8.04	13.0	28.7	8.28B	7
8	1.03 B	2.20B	7.20B	22.1	26.0 E	13.3	8.07	1.85	3.07	7.80	24.3	4.80B	8
9	1.00 B	2.00B	8.20B	37.3	42.8	8.88	8.78	1.81	2.24	8.58	18.8	4.80B	9
10	0.9708	1.80B	7.84	83.8	80.2	7.44	8.18	1.83	1.88	12.7	18.2	4.30B	10
11	0.9508	1.75B	88.2	48.0	72.8	8.08	4.88	1.85	2.88	11.7	88.8	4.00B	11
12	0.9208	1.60B	45.8	18.8	78.0	8.02	8.81	1.22	2.12	28.2	31.2	2.72B	12
13	0.8908	1.48B	23.4	13.0	87.0	4.88	10.2	1.87	2.28	10.7	12.1	2.48B	13
14	0.8808	1.40B	18.0	10.8	33.0	4.28	8.12	1.87	104	7.28	27.2	2.28B	14
15	0.9308	2.00B	12.2	8.87	38.1	3.77	18.0	1.87	22.3	7.83	41.3	2.10B	15
16	1.04 B	3.50B	10.4 A	12.0	39.0	3.87	15.8	1.28	10.8	8.38	18.8	2.88B	16
17	0.9408	7.00B	8.80E	14.8	28.3	3.28	8.84	1.10	8.88	7.21	11.1	2.80B	17
18	0.9208	8.00B	7.40E	12.8	24.3	7.82	4.88	8.81	4.83	8.22	114	2.88B	18
19	0.8808	7.80B	8.50E	11.3	28.8	8.88	3.70	8.48	3.88	8.22	28.8	2.68B	19
20	0.8408	8.40B	8.70E	10.4	37.7	8.10	8.88	3.88	11.8	7.20	12.1	2.48B	20
21	0.8208	8.20B	8.00E	28.8	58.1	4.08	8.85	2.88	13.2	44.4	8.00B	8.00B	21
22	0.8708	12.0 B	4.80E	14.4	28.1	3.88	4.24	8.83	18.2	11.8	8.00B	8.00B	22
23	0.8508	10.8 B	4.20E	14.1	28.4	24.8	3.48	4.73	18.2	18.8	8.00B	8.00B	23
24	0.8088	8.40B	3.80E	14.0	18.4	18.8	2.73	2.08	8.84	48.8	8.50B	4.20B	24
25	0.7808	14.3 B	3.50E	15.8	12.5	7.53	2.37	2.21	8.33	12.7	8.10B	3.70B	25
26	1.80 B	12.3 B	3.28E	18.0	18.5	8.58	2.14	1.88	4.78	30.3	4.85B	3.40B	26
27	8.40 B	10.3 B	3.00E	22.7	81.2	15.5	1.88	1.43	4.10	12.8	4.82	3.10B	27
28	5.80 B	14.0 B	11.0 E	24.8	28.8	83.4	2.20	1.38	3.88	8.78	8.58	2.80B	28
29	4.80 B	17.0 B	83.8	31.8	11.5	58.2	7.87	1.30	10.5	18.5	138	2.70B	29
30	3.80 B		88.2	81.8	8.78	23.1	3.91	3.27	7.81	21.8	23.8	2.80B	30
31	3.28 B		38.7		7.75		8.13	8.88		10.2		2.50B	31
TOTAL	80.488	178.88	538.18	728.27	1 001.21	534.80	278.73	84.67	308.87	481.78	812.38	140.88	TOTAL
MEAN	1.83	8.10	17.4	24.3	32.3	17.8	8.83	2.85	10.2	14.8	27.1	4.84	MEAN
MAX	8.40	17.0	88.2	83.8	80.2	83.4	48.4	8.81	104	48.8	138	13.5	MAX
MIN	0.780	1.40	3.00	8.87	8.00	3.28	1.88	1.07	1.43	8.22	4.85	2.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 14.0
MAXIMUM DAILY, 138 ON NOV 29
MINIMUM DAILY, 0.7808 ON JAN 25
MAXIMUM INSTANTANEOUS,
317E AT 08:21 NST ON NOV 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 51 27 N
LONG 57 44 00 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 380	JUL	22 800
FEB	15 300	AUG	8 180
MAR	46 500	SEP	28 500
APR	62 900	OCT	39 800
MAY	86 500	NOV	70 200
JUN	46 200	DEC	12 200

REMARKS - THE E FOR DISCHARGE ABOVE 187 IS DUE TO CURVE EXTENSION

TOTAL DISCHARGE, 443 000 dam³

NEWFOUNDLAND AND LABRADOR

GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE - STATION NO. 02YD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.20B	8.30B	133 B	114	90.8	13.1	10.1	3.08	2.71	9.48	8.48	38.4	1
2	8.80B	8.30B	118 B	91.4	80.7	27.8	11.4	2.80	2.44	8.07	8.19	28.6	2
3	8.80B	8.70B	93.0 B	78.8	82.1	47.0	30.1	2.80	2.20	8.12	18.3	21.0 B	3
4	8.40B	9.30B	84.0 B	80.4	80.4	48.8	42.8	2.38	1.88	7.31	84.0	15.0 B	4
5	8.20B	8.60B	70.0 B	69.7	74.1	38.9	33.8	2.07	1.81	7.08	40.4	12.4 B	5
6	8.00B	8.30B	58.0 B	63.2	68.8	48.1	24.8	1.73	2.11	22.2	28.6	11.1 B	6
7	4.80B	7.90B	51.0 B	62.8	74.4	80.3	20.4	1.68	2.03	40.8	26.8	10.2 B	7
8	4.80B	7.40B	48.0 B	67.8	74.2	80.3	18.8	1.48	1.98	28.8	27.2	11.8 B	8
9	4.40B	6.80B	38.5 B	68.0	80.5	63.8	14.8	1.63	1.87	22.4	27.0	10.0 B	9
10	4.20B	6.60B	35.0 B	63.2	80.7	32.0	12.2	2.28	1.83	21.4	28.4	8.80B	10
11	4.00B	6.20B	50.0 B	64.1	84.0	28.2	10.0	2.18	1.77	22.8	23.8	7.80B	11
12	3.80B	5.80B	83.0 B	69.1	88.7	26.2	8.81	2.00	1.80	18.3	26.0	7.30B	12
13	4.00B	5.60B	98.0 B	81.1	87.8	18.8	8.33	1.81	2.08	18.8	24.8	8.80B	13
14	4.38B	5.40B	80.0 B	38.0	88.8	16.8	7.82	1.82	2.68	14.8	26.8	8.40B	14
15	4.80B	5.20B	61.0 B	32.9	82.8	14.0	7.14	2.00	4.86	13.7	21.7	8.10B	15
16	4.85B	5.00B	32.8 B	30.4	26.1	11.7	7.03	1.78	8.41	13.4	22.9	8.80B	16
17	4.70B	4.80B	25.0 B	30.8	21.8	10.0	8.86	1.77	8.19	12.8	20.1	8.80B	17
18	4.60B	4.60B	21.0 B	34.4	18.1	10.8	8.11	1.78	7.37	11.1	18.3	8.40B	18
19	4.35B	4.60B	18.0 B	38.8	15.8	21.0	8.32	2.13	8.31	10.2	18.7	8.00B	19
20	4.20B	4.20B	16.0 B	38.2	13.8	22.3	4.82	8.79	8.86	9.32	18.8	8.80B	20
21	4.00B	4.80B	14.8 B	87.2	11.7	18.8	4.68	8.32	4.86	8.82	15.8	7.00B	21
22	3.90B	8.30B	13.0 B	113	10.8	13.4	4.32	4.81	4.68	10.3	13.2	7.80B	22
23	3.70B	8.01B	12.2 B	87.0	9.88	11.4	3.83	8.20	8.11	10.7	12.0 B	8.80B	23
24	3.80B	12.2 B	11.2 B	66.8	9.18	10.4	3.87	7.87	8.26	10.1	11.3 B	7.80B	24
25	3.40B	18.3 B	10.3 B	55.4	8.48	9.80	3.61	6.86	6.83	9.86	10.8 B	7.10B	25
26	4.08B	31.0 B	9.30B	52.7	8.17	8.87	3.08	5.82	5.13	9.86	10.2 B	6.88B	26
27	4.80B	82.0 B	14.8 B	66.4	14.8	8.84	2.88	4.44	4.38	10.1	9.80B	6.30B	27
28	5.90B	83.0 B	24.0 B	66.1	16.8	8.80	2.81	4.00	3.87	10.2	11.8 B	6.00B	28
29	7.70B	148 B	83.0 B	71.0	16.8	10.1	2.82	3.80	4.88	10.0	26.0	5.78B	29
30	10.7 B		218 B	78.4	16.3	9.82	2.78	3.22	8.38	8.86	82.2	5.80B	30
31	10.0 B		180 B		13.4		2.83	2.98		8.24		5.30B	31
TOTAL	156.71	803.61	1 883.30	1 810.1	1 181.38	705.83	325.32	88.68	123.28	428.36	882.07	304.40	TOTAL
MEAN	5.08	17.4	83.7	80.3	37.8	23.8	10.8	3.22	4.11	13.8	21.7	9.82	MEAN
MAX	10.7	148	218	114	88.8	80.3	42.8	7.87	8.41	40.8	84.0	38.4	MAX
MIN	3.40	4.20	9.30	30.4	8.48	8.87	2.81	1.48	1.77	7.08	8.18	8.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.7
MAXIMUM DAILY, 218B ON MAR 30
MINIMUM DAILY, 1.48 ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 38 N
LONG 55 31 80 W
DRAINAGE AREA, 823 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	28 100
FEB	43 500	AUG	8 810
MAR	144 000	SEP	10 700
APR	158 000	OCT	37 100
MAY	100 000	NOV	88 300
JUN	81 000	DEC	28 300

TOTAL DISCHARGE, 885 000 dam³

GREAVETT BROOK ABOVE PORTLAND CREEK POND - STATION NO. 02YE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.25 B	0.400B	1.85B	7.87	3.78	8.32	4.31	1.10	1.17	3.42	3.48	8.63	1
2	1.15 B	0.380B	2.60B	5.85	3.10	8.74	3.73	1.21	1.17	4.81	3.43	8.30	2
3	1.01 B	0.375B	3.50B	5.01	2.83	5.82	3.37	1.21	1.04	13.8	8.18	3.73	3
4	0.970B	0.380B	4.80B	4.37	2.43	7.84	3.18	1.18	0.818	21.1	8.05	2.78	4
5	0.900B	0.360B	4.40B	3.86	2.98	6.84	2.77	1.11	0.888	13.4	8.82	2.42	5
6	0.820B	0.338B	3.70B	3.65	3.27	8.78	2.88	1.04	0.838	8.01	7.13	2.10 B	6
7	0.780B	0.328B	3.20B	3.42	2.98	8.74	2.78	1.03	0.847	8.80	6.87	1.90 B	7
8	0.710B	0.320B	2.80B	3.17	4.48	10.4	2.62	1.00	0.833	8.88	6.18	1.73	8
9	0.880B	0.310B	2.28B	4.44	4.38	8.00	2.31	1.08	0.883	8.22	8.88	1.81 B	9
10	0.810B	0.300B	1.93B	7.24	4.78	7.10	2.18	1.88	1.02	4.78	8.31	1.82 B	10
11	0.880B	0.282B	2.18B	7.38	7.11	5.88	2.18	2.73	2.48	8.38	8.81	1.48 B	11
12	0.840B	0.268B	2.48B	4.78	18.2	8.14	2.12	4.42	11.0	8.83	8.88	1.37 B	12
13	0.820B	0.260B	2.80B	3.43	24.8	4.78	2.80	3.81	18.4	8.78	7.08	1.32 B	13
14	1.38 B	0.278B	3.08B	2.88	21.4	4.44	2.32	3.03	12.4	8.88	8.80	1.27 B	14
15	1.28 B	0.368B	2.88B	2.10	18.3	3.82	2.19	2.38	11.4	8.88	8.88	1.21 B	15
16	1.12 B	0.280B	2.88B	1.74	13.2	3.81	2.73	1.80	7.88	8.14	7.88	1.18 B	16
17	1.01 B	0.258B	2.40B	1.71	10.8	4.48	2.74	1.88	8.80	4.32	8.81	1.12 B	17
18	0.940B	0.248B	2.28B	1.84	18.8	4.21	2.48	1.43	4.48	3.87	7.80	1.08 B	18
19	0.880B	0.242B	2.10B	1.18	24.1	3.87	2.30	1.77	3.80	3.78	11.8	1.04 B	19
20	0.800B	0.238B	1.98B	1.28	18.3	3.30	1.88	2.84	3.08	3.48	8.48	1.01 B	20
21	0.758B	0.234B	1.80B	1.88A	21.8	3.88	1.88	3.18	2.74	3.88	8.08	0.870B	21
22	0.680B	0.229B	1.70B	2.24	25.2	4.41	1.81	3.08	2.87	3.88	4.81	0.840B	22
23	0.640B	0.350B	1.80B	1.84	20.8	4.84	1.43	2.80	3.80	4.04	3.88	0.810B	23
24	0.800B	0.400B	1.53B	1.81	21.2	8.21	1.21	2.03	4.34	3.35	3.80B	0.880B	24
25	0.570B	0.480B	1.80B	1.84	18.8	5.24	1.18	1.74	4.82	3.13	3.30B	0.880B	25
26	0.520B	0.580B	1.80B	1.88	13.7	4.82	1.17	1.87	4.38	2.74	3.08B	0.840B	26
27	0.510B	0.800B	5.80B	1.88	18.2	3.82	1.10	1.38	4.01	2.84	2.90B	0.810B	27
28	0.480B	0.880B	32.5 B	1.81	15.2	3.78	1.08	1.24	3.81	2.48	4.04	0.780B	28
29	0.480B	1.18 B	28.0	1.88	12.4	4.78	1.10	1.12	3.88	2.87	18.5	0.780B	29
30	0.440B		17.0	2.04	10.0	8.28	1.14	1.11	3.84	2.81	18.0	0.740B	30
31	0.420B		11.1		7.87		1.14	1.14		3.42		0.720B	31
TOTAL	23.880	11.182	180.01	95.42	368.02	187.03	87.22	58.37	125.788	171.84	188.80	52.880	TOTAL
MEAN	0.770	0.385	5.18	3.18	12.8	8.87	2.17	1.88	4.18	8.84	8.88	1.71	MEAN
MAX	1.38	1.18	32.8	7.87	25.2	10.4	4.31	4.42	18.4	21.1	18.8	8.83	MAX
MIN	0.420	0.228	1.80	1.18	2.43	3.30	1.08	1.00	0.888	2.48	2.90	0.720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.18
MAXIMUM DAILY, 32.5B ON MAR 28
MINIMUM DAILY, 0.228B ON FEB 22
MAXIMUM INSTANTANEOUS,
35.1 AT 17:30 NST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 37 N
LONG 57 34 45 W
DRAINAGE AREA, 98.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 080	JUL	5 810
FEB	884	AUG	5 040
MAR	13 800	SEP	10 800
APR	8 240	OCT	14 800
MAY	33 800	NOV	17 300
JUN	14 400	DEC	4 880

TOTAL DISCHARGE, 131 000 dam³

GREY RIVER NEAR GREY RIVER - STATION NO. 02ZD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1 B	15.0 B	120 B	223	227	70.0E	84.6	19.7	12.6	22.7	30.8	108	1
2	9.90B	14.3 B	100 B	183	181	81.7A	188	16.0	11.0	22.6	28.1	78.9	2
3	9.90B	20.5 B	115 B	147	134 A	81.4	282	13.9	9.73	21.4	428	67.4	3
4	9.40B	16.0 B	85.0B	116	70.0E	67.0	188	11.8	8.51	20.0	282	42.6	4
5	9.10B	16.0 B	85.0B	112	80.0E	57.4	97.4	10.2	7.78	37.1	180	27.0 B	5
6	8.90B	14.8 B	80.0B	139	72.0E	139	88.1	9.33	11.2	151	84.7	21.0 B	6
7	8.60B	13.8 B	44.0B	145	100 E	151	48.1	8.40	11.0	101	82.0	17.8 B	7
8	8.40B	12.8 B	38.8B	132	140 E	106	38.1	7.74	9.42	88.6	73.4	16.0 B	8
9	8.10B	11.8 B	34.8B	128	180 E	72.5	38.0	7.18	8.42	82.8	82.7	14.0 B	9
10	7.90B	10.8 B	200 B	273	270 E	88.1	30.8	6.82	7.44	72.1	88.6	12.8 B	10
11	7.70B	10.0 B	185 E	281	250 E	46.8	25.0	6.30	12.2	74.3	80.0	11.4 B	11
12	7.60B	9.00B	130 E	144	270 E	40.0	21.8	5.80	14.8	77.7	116	10.8 B	12
13	7.30B	8.50B	105 E	88.4	200 E	33.8	18.1	5.14	13.8	88.0	75.8	9.80B	13
14	7.00B	8.20B	87.0E	84.8	130 E	27.8	15.8	8.88	138	80.3	72.0	9.00B	14
15	7.80B	13.0 B	70.0E	84.2	182 E	23.8	16.1	8.38	118	43.7	132	8.45B	15
16	7.40B	23.0 B	84.1A	83.0	135 E	20.8	18.1	5.50	88.8	47.2	88.8	8.00B	16
17	7.20B	36.0 B	38.8	82.8	118 E	18.4	18.8	4.88	47.7	42.3	82.7	7.85B	17
18	7.00B	81.0 B	30.8	83.0	87.0E	41.8	15.1	20.4	38.7	38.8	141	7.30B	18
19	8.80B	42.0 B	28.2	84.3	110 E	88.0	13.0	42.0	28.8	31.8	131	7.00B	19
20	8.70B	37.8 B	23.3	80.4	150 E	43.8	18.0	27.8	26.8	27.3	81.8	8.70B	20
21	7.40B	85.0 B	20.0	188	200 E	35.3	17.2	30.8	28.7	81.4	24.08	17.0 B	21
22	7.10B	70.0 B	18.3	128	148 E	30.8	14.5	20.2	35.8	88.8	28.08	28.0 B	22
23	6.90B	82.0 B	16.0	110	108 E	40.0	13.1	22.0	48.4	48.8	21.58	40.0 B	23
24	6.88B	88.0 B	15.0	85.1	84.0E	88.4	11.0	21.5	40.2	88.5	18.38	31.0 B	24
25	8.50B	82.0 B	13.7	81.0	78.0E	39.0	8.47	17.8	31.4	84.7	16.48	28.0 B	25
26	8.80B	88.0 B	12.8	107	210 E	28.1	8.80	14.7	25.3	88.8	14.88	22.0 B	26
27	21.5 B	80.0 B	13.0	117	205 E	33.8	7.87	12.8	21.4	88.3	13.08	18.0 B	27
28	38.0 B	74.0 B	74.8	130	122 E	78.7	7.23	11.0	18.4	43.8	15.88	16.3 B	28
29	28.0 B	80.0 B	188	118	84.0E	84.8	23.7	9.88	20.7	38.8	25.08	14.8 B	29
30	23.0 B		246	172	70.0E	82.3	17.1	10.1	23.2	41.3	174	13.2 B	30
31	18.8 B		293		53.0E		15.0	13.7		36.8		12.8 B	31
TOTAL	332.36	1 002.80	2 880.3	3 788.3	4 391.0	1 715.8	1 308.07	414.47	880.70	1 818.0	2 820.4	718.80	TOTAL
MEAN	10.7	34.8	82.3	128	142	87.2	42.2	13.4	28.7	82.1	87.3	23.2	MEAN
MAX	38.0	88.0	293	281	270	181	282	42.0	138	181	428	108	MAX
MIN	8.80	8.20	12.8	82.8	80.0	18.4	7.23	4.88	7.44	30.0	13.0	8.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.3
MAXIMUM DAILY, 428 ON NOV 3
MINIMUM DAILY, 4.88 ON AUG 17
MAXIMUM INSTANTANEOUS,
597E AT 10:08 NST ON NOV 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 38 N
LONG 58 58 05 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 700	JUL	113 000
FEB	86 600	AUG	35 800
MAR	220 000	SEP	77 000
APR	326 000	OCT	140 000
MAY	378 000	NOV	228 000
JUN	148 000	DEC	62 100

TOTAL DISCHARGE, 1 840 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 582 IS DUE TO CURVE EXTENSION

HARRYS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02YJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.48B	8.70B	10.0 B	56.8	84.1	31.1	18.3	10.8	8.84	21.7	17.3	87.0	1
2	8.30B	8.40B	18.0 B	52.8	88.8	33.0	21.2	9.74	8.48	18.7	18.0	40.8 B	2
3	8.18B	10.0 B	21.0 B	48.0	86.8	28.1	23.2	9.10	8.08	22.7	43.0	38.0 B	3
4	8.00B	11.1 B	19.0 B	43.6	83.2	25.3	18.5	8.80	8.82	27.7	31.1	31.8 B	4
5	4.88B	9.80B	17.0 B	41.7	78.8	28.0	16.1	8.44	8.02	27.7	28.8	28.8 B	5
6	4.78B	8.80B	15.8 B	48.8	84.3	41.8	14.8	8.08	8.87	83.4	21.3	25.0 B	6
7	4.68B	7.80B	14.2 B	46.8	88.4	36.8	13.4	7.88	8.38	42.1	21.2	23.8 B	7
8	4.88B	7.00B	13.0 B	80.8	78.8	34.4	12.8	8.34	8.83	32.4	22.8	21.0 B	8
9	4.48B	8.20B	12.3 B	88.8	77.8	29.8	12.0	10.8	8.06	27.3	25.3	18.8 B	9
10	4.38B	8.80B	18.0 B	80.1	82.1	26.8	11.3	13.4	8.73	32.2	27.2	17.4 B	10
11	4.18B	5.48B	21.8 B	82.4	88.1	23.4	10.8	17.4	48.3	33.2	44.0	15.7 B	11
12	4.10B	5.10B	28.0 B	42.2	100	21.8	10.5	10.8	18.2	30.0	46.4	14.8 B	12
13	8.00B	4.75B	21.8 B	37.8	102	20.1	82.4	8.18	14.8	28.7	32.8	13.5 B	13
14	8.75B	4.50B	19.0 B	35.8	88.8	18.5	22.8	8.48	87.1	24.8	28.8	12.4 B	14
15	12.3 B	4.30B	17.0 B	32.4	88.8	17.1	28.7	7.82	33.8	32.2	44.4	11.7 B	15
16	14.7 B	4.08B	15.0 B	28.8	70.8	16.0	27.7	7.28	33.1	27.8	38.8	10.8 B	16
17	13.0 B	3.88B	13.0 B	28.3	85.7	15.2	18.7	6.80	20.4	23.6	34.1	10.2 B	17
18	11.8 B	3.70B	12.0 B	28.3	83.1	15.8	16.0	7.18	17.1	21.7	88.5	9.60B	18
19	10.4 B	3.50B	11.0 B	27.7	88.2	20.0	14.4	8.81	15.8	19.5	88.3	9.20B	19
20	9.30B	3.40B	10.5 B	26.8	83.2	18.1	18.8	8.25	14.3	17.8	45.0	8.85B	20
21	8.38B	3.25B	9.40B	27.1	82.8	14.8	18.8	8.08	13.8	25.5	37.8	8.40B	21
22	7.80B	3.00B	8.80B	27.0	84.3	14.1	13.7	11.3	13.3	20.0	34.1	10.3 B	22
23	7.30B	4.00B	8.20B	27.2	48.8	15.2	12.8	12.2	13.3	17.7	30.3	12.3 B	23
24	8.70B	7.00B	7.60B	27.8	42.4	20.1	12.0	8.31	13.8	16.8	27.0	11.8 B	24
25	8.40B	11.3 B	7.30B	28.8	38.3	18.1	11.4	8.40	13.3	15.8	26.0	10.8 B	25
26	8.00B	8.20B	8.80B	38.8	48.8	13.6	10.8	7.88	12.2	15.8	23.8	10.2 B	26
27	12.0 B	13.0 B	10.0 B	41.0	88.3	13.0	10.1	7.38	11.8	16.0	22.1	8.70B	27
28	10.0 B	12.0 B	20.0 B	50.3	82.7	15.8	8.82	7.00	12.3	15.8	22.0	8.10B	28
29	8.10B	11.0 B	83.0 B	85.8	42.2	32.8	11.8	7.00	47.3	17.3	157	8.85B	29
30	8.30B		73.4	73.5	35.8	19.7	10.8	7.10	28.8	22.7	74.8	8.20B	30
31	7.30B		66.1		30.4		10.4	8.82		15.8		7.83B	31
TOTAL	234.31	197.88	618.40	1 242.1	2 128.8	675.8	504.22	281.24	514.87	778.8	1 188.8	523.83	TOTAL
MEAN	7.56	6.82	19.8	41.4	88.7	22.5	16.3	9.07	17.2	25.0	38.0	16.8	MEAN
MAX	14.7	13.0	83.0	73.5	102	41.8	82.4	17.4	87.1	83.4	157	87.0	MAX
MIN	4.10	3.00	6.80	26.8	30.4	13.0	8.82	6.80	8.82	15.8	19.0	7.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.2
MAXIMUM DAILY, 157 ON NOV 28
MINIMUM DAILY, 3.00B ON FEB 22
MAXIMUM INSTANTANEOUS,
288 AT 09:18 NST ON NOV 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 31 N
LONG 58 21 48 W
DRAINAGE AREA, 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 200	JUL	43 800
FEB	17 100	AUG	24 300
MAR	53 400	SEP	44 500
APR	107 000	OCT	87 000
MAY	184 000	NOV	101 000
JUN	58 400	DEC	48 300

TOTAL DISCHARGE, 788 000 dam³

NEWFOUNDLAND AND LABRADOR

HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY - STATION NO. 02ZA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.400E	0.782B	0.720E	8.81	13.1	3.78	1.72	0.434	0.847	2.62	1.42	4.23	1
2	0.380E	0.700E	1.30 B	4.81	7.80	4.01	1.48	0.438	0.480	1.84	1.36	3.47	2
3	0.230E	0.880E	3.25 B	4.08	7.08	3.27	1.43	0.418	0.438	1.84	8.80	2.85	3
4	0.310E	1.30 B	3.00 B	3.78	10.5	3.38	1.23	0.388	0.400	1.61	4.48	2.18 B	4
5	0.275E	1.18 B	2.83 B	8.23	11.5	3.36	1.00	0.388	0.398	7.89	2.97	1.86 B	5
6	0.700E	1.00 B	2.32 B	8.13	13.5	3.87	0.823	0.344	0.488	8.02	2.17	1.78 B	6
7	1.80 B	0.880E	2.00 B	5.38	11.6	4.48	0.747	0.343	0.444	3.88	2.07	1.80 B	7
8	1.35 B	0.852E	1.80 B	5.24	7.48	4.20	0.788	0.352	0.800	2.50	2.80	1.80 B	8
9	1.12 B	0.730E	1.58 B	7.58	8.81	2.78	1.18	0.388	0.478	1.88	2.80	1.34 B	9
10	1.00 B	0.880E	1.40 B	13.4	7.07	2.03	0.978	0.328	0.488	3.28	2.88	1.23 B	10
11	0.927E	0.800E	1.78 B	10.8	8.47	1.78	0.881	0.313	0.782	3.82	4.88	1.13 B	11
12	0.830E	0.880E	2.38 B	8.31	12.8	1.85	0.811	0.381	1.30	2.86	4.82	1.04 B	12
13	0.758E	0.810E	3.48 B	3.71	10.8	1.34	1.01	0.288	1.42	2.18	2.88	0.970E	13
14	0.880E	0.480E	2.88 B	2.88	8.47	1.20	0.898	0.297	8.33	1.88	4.70	0.820E	14
15	0.980E	0.460E	1.88	2.28	8.98	1.10	0.810	0.280	3.81	1.88	8.82	0.870E	15
16	0.880E	0.810E	1.44	2.28	4.84	1.07	1.14	0.258	3.05	2.38	4.48	0.820E	16
17	0.720E	0.870E	1.28 B	2.72	8.20	1.03	0.808	0.228	2.82	2.11	2.88	0.770E	17
18	0.840E	2.28 B	1.18 B	3.41	7.87	1.58	0.790	0.786	1.78	1.84	13.7	0.740E	18
19	0.580E	2.05 B	1.08 B	2.98A	8.44	1.72	0.878	1.24	1.38	1.87	8.88	0.880E	19
20	0.500E	1.80 B	1.01 B	2.78E	8.08	1.23	1.18	1.28	1.24	1.80	3.008	0.780E	20
21	0.428E	2.55 B	0.980E	3.18E	8.82	1.04	1.14	0.818	1.18	2.72	2.188	1.00 B	21
22	0.488E	3.25 B	0.820E	3.80E	8.80	0.948	0.858	3.48	1.08	2.02	1.828	1.35 B	22
23	0.420E	2.80 B	0.870E	4.10E	5.80	1.20	0.718	2.38	1.08	1.88	1.808	1.12 B	23
24	0.385E	2.02 B	0.840E	3.80E	4.84	1.88	0.807	1.47	1.08	2.88	1.408	1.02 B	24
25	0.348E	2.28 B	0.800E	3.10E	4.14	1.18	0.541	1.01	1.22	2.28	1.308	0.980E	25
26	0.440E	1.78 B	0.980E	2.88E	8.14	1.01	0.514	0.885	1.11	1.84	1.208	0.880E	26
27	0.880E	1.25 B	1.34	3.03A	12.0	2.20	0.472	0.586	1.04	1.82	1.128	0.820E	27
28	0.850E	0.880E	8.82	7.10	8.27	3.38	0.480	0.488	1.04	1.48	2.88	0.770E	28
29	1.80 B	0.810E	13.8	7.81	3.88	4.11	0.483	0.442	2.30	1.44	28.8	0.720E	29
30	1.10 B		12.8	18.1	2.88	2.42	0.448	0.801	2.88	1.72	8.70	0.880E	30
31	0.900E		10.2		1.88		0.438	0.837		1.83		0.830E	31
TOTAL	22.877	38.525	87.800	188.44	237.81	87.868	27.173	21.923	40.928	78.88	135.88	40.820	TOTAL
MEAN	0.728	1.28	2.84	8.21	7.87	2.28	0.877	0.707	1.38	2.87	4.83	1.31	MEAN
MAX	1.80	3.25	13.8	18.1	13.8	4.48	1.72	3.88	8.33	8.02	28.8	4.23	MAX
MIN	0.278	0.480	0.720	2.28	1.88	0.948	0.438	0.228	0.388	1.44	1.12	0.830	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 28.8 ON NOV 28
MINIMUM DAILY, 0.228 ON AUG 17
MAXIMUM INSTANTANEOUS,
88.0 AT 06:42 NST ON NOV 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 08 33 N
LONG 88 47 04 W
DRAINAGE AREA, 72.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 980	JUL	2 350
FEB	3 180	AUG	1 890
MAR	7 580	SEP	3 540
APR	13 800	OCT	6 880
MAY	20 800	NOV	11 700
JUN	8 840	DEC	3 800

TOTAL DISCHARGE, 82 400 dam³

MINDS BROOK AT MINDS BROOK POWER HOUSE - STATION NO. 02YK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.2	35.5	0.894	37.4	35.8	19.8	0.347	16.8	35.9	35.8	0.894	1.84	1
2	34.2	35.4	0.894	37.8	35.8	16.8	0.894	14.0	35.8	35.8	0.894	0.894	2
3	34.0	35.4	2.88	34.7	35.8	17.2	0.894	13.1	35.8	35.8	0.894	8.88	3
4	35.5	35.3	25.8	37.8	35.5	18.2	15.8	23.1	35.8	35.8	0.894	13.8	4
5	35.8	35.4	1.27	36.3	35.5	17.8	12.4	36.0	35.8	35.8	0.894	15.8	5
6	35.2	35.3	23.5	38.7	35.8	20.8	14.1	36.0	35.8	38.7	0.894	1.82	6
7	35.8	35.3	25.5	37.7	35.8	20.1	10.6	35.8	35.8	38.0	0.894	15.7	7
8	35.8	35.1	24.5	38.5	35.4	18.2	11.2	35.8	35.8	38.7	0.894	0.894	8
9	35.8	35.8	25.8	38.4	35.8	25.8	11.3	35.8	35.8	38.7	0.894	0.894	9
10	34.8	34.8	11.3	38.2	35.8	18.0	11.8	36.0	35.8	38.7	0.894	38.7	10
11	38.4	38.4	21.1	38.4	35.4	---	17.8	35.8	35.8	28.8	0.894	13.2	11
12	38.4	38.4	28.0	38.4	31.7	4.28	13.2	28.7	35.8	30.7	0.894	8.48	12
13	38.4	35.2	21.8	38.5	32.0	---	17.8	26.8	35.8	30.1	0.894	17.1	13
14	38.2	35.4	38.0	37.7	32.3	4.88	14.8	26.3	38.1	38.7	0.894	7.87	14
15	23.8	35.4	27.0	38.4	31.8	---	18.2	26.1	35.8	8.88	1.78	0.894	15
16	28.3	35.4	25.7	38.1	28.8	---	17.2	28.2	28.1	4.08	8.88	0.894	16
17	35.8	34.8	37.0	38.2	29.4	---	18.7	28.8	38.7	8.72	0.894	0.894	17
18	38.8	34.2	38.4	37.3	31.2	---	15.8	30.1	38.8	18.8	0.894	0.894	18
19	38.8	34.8	38.7	37.1	35.1	---	12.7	38.2	38.8	8.14	0.894	0.894	19
20	38.8	35.8	38.8	38.4	38.1	---	17.8	38.2	18.8	8.14	0.894	0.894	20
21	38.0	35.4	35.8	37.4	38.0	18.2	12.3	38.7	7.28	0.894	0.894	0.894	21
22	34.8	33.3	38.2	38.1	38.4	15.8	14.8	32.8	11.7	0.894	10.8	0.894	22
23	35.2	0.894	35.8	37.7	35.4	13.4	11.8	38.8	10.1	0.894	22.8	20.4	23
24	34.8	0.894	35.4	38.0	35.8	---	12.8	38.7	8.72	0.894	12.8	23.0	24
25	38.8	0.894	38.0	38.1	35.1	---	21.8	38.7	12.8	0.894	0.894	22.3	25
26	35.8	20.0	37.4	38.1	28.8	---	17.2	38.8	8.83	0.894	0.894	38.1	26
27	38.8	1.04	37.1	37.1	30.4	8.78	17.4	35.8	8.03	0.894	0.894	35.2	27
28	38.8	1.27	37.4	38.0	17.5	1.85	23.1	38.1	8.03	0.894	0.894	35.4	28
29	38.8	21.1	18.2	35.8	18.0	2.08	14.8	38.0	13.2	0.894	0.894	38.3	29
30	38.8		35.8	35.8	24.1	4.28	21.8	34.8	18.4	0.894	3.24	38.4	30
31	38.8		37.0		20.7		12.0	38.8		0.894		35.2	31
TOTAL	1 077.4	821.182	828.718	1 121.0	980.0	---	427.238	958.8	804.40	537.884	78.818	428.104	TOTAL
MEAN	34.8	28.3	28.7	37.4	31.8	---	13.8	31.0	26.8	17.3	2.88	13.7	MEAN
MAX	38.4	38.4	37.4	38.8	38.4	---	23.1	38.7	38.7	38.7	22.8	38.4	MAX
MIN	23.8	0.894	0.894	34.7	17.8	---	0.347	13.1	7.28	0.894	0.894	0.894	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 38.8 ON APR 8
MINIMUM DAILY, 0.347 ON JUL 1

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 08 00 N
LONG 57 12 13 W
DRAINAGE AREA, 861 km²

REGULATED SINCE 1981

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	93 100	JUL	36 800
FEB	71 000	AUG	82 800
MAR	71 400	SEP	88 800
APR	88 800	OCT	48 400
MAY	85 800	NOV	8 820
JUN	---	DEC	38 800

HUMBER RIVER AT GRAND LAKE OUTLET - STATION NO. 02YK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.80	126	136	105	110	138	137	154	37.1	145	189	189	1
2	11.4	128	111	112	143	131	133	138	34.8	132	172	188	2
3	109	120	138	132	130	132	138	138	33.8	140	172	189	3
4	122	113	133	137	123	110	24.1	134	36.4	138	188	188	4
5	118	116	136	117	124	120	36.8	137	33.6	148	188	189	5
6	132	138	123	138	139	83.2	103	141	34.3	138	187	188	6
7	118	136	130	120	132	102	128	142	33.4	182	186	182	7
8	132	112	130	140	140	168	120	128	32.4	183	172	183	8
9	122	117	128	138	134	177	141	133	35.8	140	173	182	9
10	127	127	132	144	141	177	137	120	35.8	184	188	188	10
11	128	138	142	144	188	187	136	137	88.8	138	188	182	11
12	112	136	137	133	151	188	118	135	92.8	151	172	183	12
13	118	138	148	128	148	188	88.0	140	86.0	138	178	188	13
14	108	136	124	128	147	148	130	138	108	141	171	188	14
15	90.8	141	137	131	140	149	142	143	117	152	173	187	15
16	137	131	142	137	118	148	130	138	123	182	173	188	16
17	131	134	148	134	102	148	113	110	133	136	174	188	17
18	138	138	138	108	107	136	123	18.7	134	137	188	188	18
19	128	141	133	104	108	132	152	16.2	138	135	188	188	19
20	84.1	130	138	101	128	113	148	18.0	128	151	170	188	20
21	109	131	137	108	135	123	181	16.8	81.1	152	171	188	21
22	121	166	118	131	138	124	148	15.2	118	156	188	188	22
23	130	130	127	130	132	126	125	17.7	121	156	188	188	23
24	135	140	140	138	123	134	150	18.2	121	135	178	84.7	24
25	139	118	134	120	140	134	181	17.8	119	148	171	31.4	25
26	115	137	138	122	142	138	181	17.1	87.7	181	173	138	26
27	116	130	139	118	118	132	142	17.8	76.1	166	174	182	27
28	109	135	124	132	117	133	145	16.0	79.8	160	171	184	28
29	136	114	114	126	128	128	152	16.7	84.8	162	163	185	29
30	142		109	127	123	140	151	22.7	131	170	183	189	30
31	147		124		111		142	32.4		188		46.1	31
TOTAL	3 580.20	3 712	4 083	3 778	4 038	4 147.2	4 000.7	2 539.5	2 492.8	4 815	5 107	4 742.2	TOTAL
MEAN	116	128	132	126	130	138	129	81.9	83.1	149	170	153	MEAN
MAX	147	141	148	144	188	187	181	154	134	182	178	188	MAX
MIN	9.80	100	109	101	102	83.2	24.1	15.2	25.8	132	163	31.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 126
MAXIMUM DAILY, 187 ON JUN 11
MINIMUM DAILY, 9.80 ON JAN 1

DATA CONTRIBUTED BY -
DEER LAKE POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 09 43 N
LONG 57 26 28 W
DRAINAGE AREA, 5 020 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	310 000	JUL	348 000
FEB	321 000	AUG	219 000
MAR	353 000	SEP	215 000
APR	326 000	OCT	389 000
MAY	349 000	NOV	441 000
JUN	358 000	DEC	410 000

TOTAL DISCHARGE, 4 050 000 dam³

HUMBER RIVER AT HUMBER VILLAGE BRIDGE - STATION NO. 02YL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	121	188	187	388	328	525	311	178	84.7	178	243	318	1
2	108	158	172	328	344	487	221	178	82.0	180	241	338	2
3	102	163	184	347	348	485	237	170	48.7	188	288	338	3
4	102	171	181	351	344	437	238	188	47.8	188	288	333	4
5	118	178	202	348	338	411	221	183	48.8	201	332	321	5
6	128	208	214	333	347	388	208	181	45.8	228	388	302	6
7	130	198	218	328	382	384	202	181	43.8	260	383	287	7
8	130	178	218	320	368	368	203	181	43.0	280	387	278	8
9	133	188	216	318	378	388	203	189	43.2	270	371	283	9
10	138	188	213	312	382	388	203	188	42.8	278	388	283	10
11	142	185	218	308	428	382	189	188	52.4	280	388	243	11
12	142	188	221	305	474	377	188	188	71.7	278	388	233	12
13	141	187	217	303	528	368	203	188	92.1	277	382	227	13
14	148	188	218	281	587	338	204	185	111	277	388	218	14
15	182	184	220	288	638	318	208	188	128	277	387	213	15
16	182	182	224	288	687	383	218	188	144	278	388	213	16
17	148	238	230	284	680	287	212	188	182	270	383	210	17
18	148	234	228	282	638	277	208	182	174	281	384	208	18
19	147	198	223	246	683	273	208	134	182	281	332	208	19
20	180	178	217	237	701	283	207	121	188	243	328	208	20
21	148	178	213	234	733	281	208	107	182	242	323	208	21
22	148	188	208	233	740	237	208	99.8A	174	238	317	208	22
23	143	214	197	240	758	231	188	81.0E	173	233	308	208	23
24	142	180	180	243	788	222	182	85.8A	170	231	287	201	24
25	148	188	188	243	730	218	181	82.8A	188	230	288	177	25
26	184	184	184	248	702	208	180	78.0E	184	231	277	188	26
27	188	188	188	282	648	204	188	73.8E	188	233	288	188	27
28	180	187	207	288	653	202	183	69.8E	148	234	288	188	28
29	180	188	223	270	628	204	183	84.1E	184	238	311	172	29
30	180		234	281	600	208	181	81.0A	182	238	303	180	30
31	182		280		583		180	58.8		239		177	31
TOTAL	4 338	5 107	6 500	8 480	17 038	9 870	6 304	4 017.8	3 420.0	7 818	9 888	7 208	TOTAL
MEAN	140	178	210	283	550	332	203	130	114	243	322	232	MEAN
MAX	182	238	280	351	758	525	238	178	188	280	371	338	MAX
MIN	102	184	187	233	328	202	180	58.8	42.8	178	241	188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 244
MAXIMUM DAILY, 788 ON MAY 24
MINIMUM DAILY, 42.8 ON SEP 10
MAXIMUM INSTANTANEOUS
788 AT 07:30 NST ON MAY 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 02 N
LONG 57 45 41 W
DRAINAGE AREA, 7 880 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	374 000	JUL	545 000
FEB	441 000	AUG	347 000
MAR	562 000	SEP	285 000
APR	734 000	OCT	850 000
MAY	1 470 000	NOV	835 000
JUN	935 000	DEC	833 000

TOTAL DISCHARGE, 7 710 000 dam³

NEWFOUNDLAND AND LABRADOR

INDIAN BAY BROOK NEAR NORTHWEST ARM - STATION NO. 02YR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.4 B	7.70B	18.0	32.7	41.2	14.8	13.1	3.84	3.19	2.86	4.91	12.8	1
2	14.8 B	7.40B	17.5	38.5	41.8	17.8	12.2	3.67	2.23	1.94	4.31	14.0	2
3	14.4 B	7.20B	20.5	38.2	40.7	16.8	11.8	3.48	1.82	2.06	4.89	14.5	3
4	14.0 B	6.90B	23.3	40.3	45.4	16.8	11.8	3.33	1.86	1.82	5.89	14.8	4
5	13.8 B	6.70B	26.8	40.6	46.8	16.2	11.3	3.01	1.73	1.86	5.34	15.5	5
6	13.1 B	6.50B	29.7	38.8	44.9	20.2	11.0	2.76	1.85	3.16	5.14	10.5	6
7	12.7 B	6.30B	30.5	36.8	44.5	21.3	10.8	2.72	1.76	3.11	5.36	17.5 B	7
8	12.4 B	6.00B	31.7	37.4	44.2	21.2	10.3	2.71	1.68	2.83	6.86	18.8 B	8
9	11.8 B	5.90B	33.6	38.2	42.5	21.2	9.87	2.81	1.67	2.74	8.20	14.2 B	9
10	11.5 B	5.70B	33.4	38.7	41.2	21.2	9.61	4.85	1.80	2.76	8.41	13.2 B	10
11	11.2 B	5.60B	32.6	39.6	40.8	24.1	8.78	4.58	1.82	2.76	8.89	12.2 B	11
12	10.8 B	5.50B	32.4	39.4	39.1	23.4	8.43	3.83	1.78	2.80	8.81	11.3 B	12
13	10.6 B	5.35B	31.0	39.2	37.4	22.6	8.16	3.71	1.88	2.83	8.96	10.7 B	13
14	10.3 B	5.20B	28.3	40.2	36.0	21.7	7.78	3.48	1.89	3.03	8.88	9.90B	14
15	9.90B	5.00B	26.2	39.1	34.0	20.8	7.31	3.36	1.82	3.16	7.80	9.40B	15
16	9.70B	5.57B	27.0B	37.7	31.8	19.8	7.21	3.12	1.71	3.27	7.97	11.2 B	16
17	9.30B	6.50B	28.5B	36.2	29.3	18.7	7.01	2.98	1.70	3.29	8.04	13.0 B	17
18	9.10B	6.00B	24.2B	35.7	27.5	18.1	6.88	2.82	1.88	3.31	8.11	11.9 B	18
19	8.90B	7.80B	23.0B	36.1	26.0	18.4	6.16	2.86	1.80	3.32	8.45	11.1 B	19
20	8.70B	7.30B	22.0B	34.5	24.4	17.1	6.04	2.88	1.88	3.46	8.89	10.6 B	20
21	8.40B	8.00B	20.8B	41.4	22.7	16.2	5.77	2.78	1.84	3.72	8.43	9.80B	21
22	8.20B	8.30B	19.9B	43.4	21.2	15.8	5.50	3.29	1.49	3.76	8.10B	8.48B	22
23	8.00B	8.90B	19.0B	44.5	21.0	14.8	5.38	3.38	1.81	3.73	7.78B	8.85B	23
24	7.80B	8.60B	18.4B	45.6	19.5	14.7	5.13	3.22	1.48	3.77	7.40B	8.85B	24
25	7.70B	9.10B	17.8B	46.4	18.8	13.4	4.83	3.11	1.44	3.76	7.05B	8.15B	25
26	7.50B	9.90B	16.6	45.8	18.3	12.8	4.84	2.87	1.23	4.11	6.30B	7.80B	26
27	9.40B	10.6 B	16.2	44.1	18.9	12.6	4.48	2.75	1.10	4.87	8.50B	7.65B	27
28	9.10B	12.3 B	19.6	43.0	17.3	12.8	4.32	2.89	1.13	4.72	11.7	7.25B	28
29	8.70B	13.6 B	25.6	41.3	16.7	12.1	4.24	2.81	1.84	4.83	13.0	7.00B	29
30	8.30B		27.6	40.5	16.4	13.2	4.18	2.83	2.82	4.80	13.1	8.80B	30
31	8.00B		28.3		15.3		4.05	3.28		4.80		8.80B	31
TOTAL	323.40	220.52	788.6	1 190.0	884.1	536.9	237.82	86.24	50.28	101.80	224.29	342.10	TOTAL
MEAN	10.4	7.80	24.8	39.7	31.1	17.9	7.67	3.17	1.88	3.27	7.48	11.0	MEAN
MAX	15.4	13.6	33.6	46.8	46.8	24.1	13.1	4.85	2.82	4.72	13.1	17.5	MAX
MIN	7.50	5.00	16.0	32.7	15.3	12.1	4.05	2.28	1.10	1.86	4.31	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 46.8 ON APR 26
MINIMUM DAILY, 1.10 ON SEP 27
MAXIMUM INSTANTANEOUS,
46.3 AT 14:38 NST ON APR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 24 N
LONG 53 53 00 W
DRAINAGE AREA, 884 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 900	JUL	20 500
FEB	18 100	AUG	8 480
MAR	68 500	SEP	4 340
APR	103 000	OCT	8 770
MAY	82 300	NOV	19 400
JUN	46 400	DEC	29 500

TOTAL DISCHARGE, 437 000 dam³

INDIAN BROOK AT INDIAN FALLS - STATION NO. 02YN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.70B	4.80B	31.6B	59.0B	70.3	37.3	28.8	8.03	3.31	11.3	8.26	20.6	1
2	6.60B	4.60B	32.6B	48.0B	61.3	46.1	27.2	8.88	3.08	10.2	7.84	18.7	2
3	6.40B	4.40B	30.6B	44.0B	50.8	52.2	26.1	5.82	2.92	9.22	10.9	18.0 B	3
4	6.30B	4.30B	28.6B	43.6	48.4	55.7	25.8	5.16	2.78	8.57	15.3	14.2 B	4
5	6.15B	4.25B	28.6B	40.6B	54.8	54.4	23.0	4.81	2.71	8.09	15.4	13.1 B	5
6	6.08B	4.20B	25.0B	38.4	59.3	64.5	19.5	4.61	3.26	12.9	14.1	11.6 B	6
7	5.98B	4.08B	23.6B	33.6	74.7	77.6	17.1	4.53	3.20	22.6	14.7	10.6 B	7
8	5.80B	4.00B	22.0B	34.7	71.8	82.2	15.6	4.80	2.98	22.2	16.4	9.70B	8
9	5.70B	3.85B	20.6B	35.0	71.1	83.6	14.0	4.80	2.92	18.4	18.4	8.90B	9
10	5.60B	3.67B	19.0B	44.6	68.4	80.3	12.6	4.83	2.90	16.9	19.4	8.30B	10
11	5.50B	3.60B	20.5B	65.2	111	41.7	11.4	5.28	3.54	14.8	19.4	7.80B	11
12	5.40B	3.70B	23.0B	66.8	139	35.3	11.9	4.84	5.44	13.8	22.1	7.30B	12
13	5.30B	3.62B	21.0B	63.6	148	30.7	44.8	4.71	7.33	12.4	22.4	6.80B	13
14	5.20B	3.55B	18.5B	35.8	142	28.8	48.4	4.53	8.64	12.0	20.8	6.80B	14
15	5.00B	3.90B	18.7B	31.2	130	26.3	30.0	4.48	11.8	12.1	20.4	8.38B	15
16	5.80B	3.45B	17.5B	27.8	113	22.0	23.7	4.12	11.7	12.0	20.2	8.15B	16
17	5.60B	3.40B	18.6B	26.6	84.6	19.6	18.8	3.87	10.2	11.6	19.3	5.90B	17
18	5.50B	3.25B	18.0B	27.2	83.2	18.4	15.8	4.14	8.87	10.8	18.8	5.70B	18
19	5.40B	3.30B	18.3B	28.8	108	19.7	13.7	5.12	8.04	10.0	18.4	6.20B	19
20	5.24B	3.35B	14.6B	26.2	88.7	18.8	12.2	5.28	7.34	9.46	19.2	6.85B	20
21	5.90B	3.80B	13.7B	28.5	88.7	16.9	11.4	5.01	8.80	8.87	17.7	7.00B	21
22	5.70B	4.30B	13.2B	32.7	80.0	15.4	10.8	4.88	8.84	9.48	15.8 B	8.78B	22
23	5.60B	5.10B	12.8B	31.8	80.7	14.1	9.88	4.87	8.78	9.25	14.2 B	9.80B	23
24	5.48B	5.34B	12.3B	28.8	78.7	13.7	9.08	4.93	8.73	9.14	12.8 B	8.28B	24
25	5.35B	9.00B	11.8B	28.8	88.7	12.8	8.32	4.80	8.48	9.21	12.1 B	8.00B	25
26	5.20B	11.5 B	12.0B	30.2	83.1	11.8	7.80	4.53	8.11	9.21	11.4 B	8.70B	26
27	5.10B	13.5 B	13.0B	35.6	88.1	11.1	7.59	4.18	8.88	9.26	10.7 B	8.50B	27
28	5.00B	14.5 B	14.7B	46.2	82.0	11.3	7.28	3.96	8.50	9.23	10.2 B	8.25B	28
29	4.80B	25.0 B	20.0B	51.8	88.2	14.3	8.87	3.77	7.23	9.07	12.3 B	8.10B	29
30	4.80B		32.5B	61.7	80.7	16.8	8.44	3.85	10.8	8.78	21.3	4.80B	30
31	4.70B		86.0B		42.9		8.26	3.43		8.58		4.70B	31
TOTAL	174.89	173.61	864.4	1 187.8	2 555.0	971.7	529.72	144.85	181.40	358.41	480.89	281.20	TOTAL
MEAN	5.64	5.89	21.4	38.8	82.4	32.4	17.1	4.67	6.05	11.6	16.0	8.43	MEAN
MAX	6.70	25.0	86.0	66.2	148	82.2	48.4	6.03	11.7	22.6	22.4	20.6	MAX
MIN	4.70	3.25	11.5	26.2	42.9	11.1	8.26	3.43	2.71	8.09	7.84	4.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.8
MAXIMUM DAILY, 148 ON MAY 13
MINIMUM DAILY, 2.71 ON SEP 6
MAXIMUM INSTANTANEOUS,
151 AT 11:55 NST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 43 N
LONG 55 05 45 W
DRAINAGE AREA, 974 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	45 800
FEB	15 000	AUG	12 800
MAR	57 400	SEP	15 700
APR	100 000	OCT	31 000
MAY	221 000	NOV	41 800
JUN	84 000	DEC	22 800

TOTAL DISCHARGE, 882 000 dam³

REMARKS - FLOW FROM 236 km² DIVERTED INTO BIRCHY LAKE IN 1963. A CONDUIT PERMITS FLOW TO BYPASS AS A DFO REQUIREMENT

ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02ZB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.638	2.408	3.508	38.8	82.1	48.8	10.8	1.84	3.88	5.88	7.30	23.1	1
2	1.558	2.858	17.0 B	31.7	40.2	29.8	28.8	1.77	2.88	4.88	21.8	17.3	2
3	1.478	3.308	12.8 B	22.7	48.7	13.4	26.3	1.69	2.14	4.22	108	9.008	3
4	1.408	3.008	10.8 B	20.3	88.8	8.42	15.4	1.44	1.88	4.48	32.2	8.208	4
5	1.328	2.708	8.008	35.0	57.8	9.88	9.00	1.41	12.3	22.8	15.8	8.308	5
6	1.708	2.458	7.008	32.8	48.3	30.8	8.83	1.38	15.3	28.8	12.8	4.858	6
7	1.858	2.258	6.008	28.6	42.8	28.8	6.83	1.34	7.84	13.2	17.7	4.158	7
8	1.488	2.008	5.508	23.8	31.8	14.3	3.83	1.28	4.58	7.83	20.2	3.808	8
9	1.408	1.838	5.008	38.8	27.1	8.78	4.82	1.33	3.05	5.19	17.0	3.408	9
10	1.318	1.678	4.408	71.8	26.4	8.83	4.50	0.831	2.33	14.8	15.8	3.158	10
11	1.328	1.508	13.0 B	53.3	30.7	5.21	3.80	0.785	8.54	33.8	33.0	2.858	11
12	1.168	1.408	8.508	32.8	42.8	4.35	3.37	0.718	7.38	30.4	21.8	2.808	12
13	1.128	1.258	7.008	18.3	43.5	3.87	7.08	0.881	8.48	13.3	11.7	2.458	13
14	1.238	1.808	6.808	12.4	37.8	3.37	4.00	0.774	107	8.85	37.7	2.308	14
15	1.438	3.008	4.908	8.38	32.3	3.18	25.8	0.740	32.4	14.5	34.8	2.208	15
16	1.388	5.008	4.308	8.10	25.2	3.13	19.8	0.888E	13.8	11.4	18.4	2.078	16
17	1.278	6.208	3.708	14.5	22.8	3.14	8.48	0.672E	7.83	7.32	11.8	1.988	17
18	1.208	7.808	3.108	18.4	47.4	3.58	6.21	0.581E	8.37	8.81	105	1.478	18
19	1.158	8.308	3.008	17.8	43.0	4.88	4.31	0.807	4.11	4.84	35.0	1.778	19
20	1.288	8.808	2.808	28.2	38.8	4.48	8.04	0.888	10.8	14.3	14.8	1.688	20
21	1.288	8.008	2.808	40.7	33.1	3.88	8.38	0.802	8.88	23.8	8.808	2.308	21
22	1.208	11.0 B	2.408	38.0	32.8	3.43	4.34	8.38	18.2	11.8	8.408	3.408	22
23	1.158	9.508	2.28	27.8	28.8	27.8	3.82	4.88	13.0	37.7	4.808	3.088	23
24	1.128	7.808	2.17	18.3	22.2	24.1	2.87	3.82	8.01	34.0	4.408	2.858	24
25	1.088	6.808	1.88	15.8	18.8	10.2	2.13	2.87	6.71	17.8	4.208	2.848	25
26	8.708	5.808	1.87	18.7	47.8	7.88	1.84	1.78	4.37	38.4	3.808	2.488	26
27	4.708	4.808	2.03	18.8	75.8	31.8	1.81	1.48	3.48	12.8	3.808	2.208	27
28	3.858	3.808	21.3	37.8	38.4	48.4	1.48	1.42	8.18	8.38	8.10	2.028	28
29	3.008	3.358	47.0	33.8	34.0	41.2	2.04	1.20	10.8	38.4	100	1.878	29
30	2.488		47.8	82.2	18.4	20.8	1.82	8.30	8.48	34.2	33.8	1.738	30
31	2.208		42.3		11.8		1.84	8.28		12.8		1.818	31
TOTAL	84.81	126.18	310.38	832.88	1 140.8	448.24	237.18	88.837	347.07	478.10	788.00	127.88	TOTAL
MEAN	1.77	4.38	10.0	27.8	38.8	15.0	7.85	1.80	11.8	15.4	25.2	4.12	MEAN
MAX	8.70	11.0	47.8	71.8	75.8	48.8	28.8	8.28	107	37.7	108	23.1	MAX
MIN	1.04	1.28	1.87	8.10	11.8	3.13	1.48	0.581	1.88	4.22	3.80	1.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.4
MAXIMUM DAILY, 107 ON SEP 14
MINIMUM DAILY, 0.581E ON AUG 18
MAXIMUM INSTANTANEOUS,
250 AT 02:08 NST ON NOV 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 50 N
LONG 58 00 33 W
DRAINAGE AREA, 308 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 740	JUL	20 800
FEB	10 800	AUG	4 820
MAR	28 800	SEP	30 000
APR	71 800	OCT	41 300
MAY	88 800	NOV	85 300
JUN	38 800	DEC	11 000

TOTAL DISCHARGE, 425 000 dam³

REMARKS - THE E FOR DISCHARGE BELOW .848 IS DUE TO CURVE EXTENSION

JUNCTION BROOK NEAR BADGER - STATION NO. 02YB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3888	0.3888	8.80 B	8.03	8.80	1.78	0.728	0.181	0.111	0.388	0.898	2.84 B	1
2	0.3808	0.3388	8.80 B	8.41	8.87	3.38	0.820	0.132	0.088	0.380	0.818	2.38 B	2
3	0.3328	0.4108	4.80 B	4.87	8.88	3.48	1.88	0.111	0.058	0.418	1.88	2.00 B	3
4	0.3608	0.3708	3.80 B	3.88	4.71	3.88	1.73	0.078	0.0478E	0.407	2.42	1.78 B	4
5	0.4108	0.3888	3.30 B	3.42	4.31	3.83	1.88	0.851E	0.851E	0.471	2.48	1.83 B	5
6	0.3808	0.3408	2.80 B	3.18	4.83	4.88	1.48	0.887	0.887	1.88	2.28	1.80 B	6
7	0.3808	0.3258	2.38 B	3.84	8.28	8.88	1.82	0.851E	0.888	2.78	2.21	2.18 B	7
8	0.3808	0.3108	2.10 B	2.88	8.88	8.43	1.38	0.843E	0.882	2.88	2.81	1.80 B	8
9	0.3808	0.2858	1.78 B	2.82	8.48	4.87	1.18	0.848E	0.884	2.88	2.78	1.78 B	9
10	0.3408	0.2808	2.18 B	3.17	8.47	3.88	1.88	0.884	0.844	2.88	2.88	1.80 B	10
11	0.3208	0.2708	2.80 B	4.28	8.21	3.18	0.838	0.848E	0.873	2.88	3.84	1.38 B	11
12	0.3108	0.2888	3.08 B	4.81	8.48	2.88	0.828	0.828E	0.885	2.43	3.88	1.28 B	12
13	0.3008	0.2588	3.78 B	3.48	8.88	2.18	0.771	0.828E	0.121	2.18	2.88	1.18 B	13
14	0.3718	0.2408	3.88 B	3.84	8.83	1.82	0.783	0.818E	0.243	1.87	2.88	0.8888	14
15	0.4208	0.2308	2.38 B	3.71	8.20	1.88	0.784	0.812E	0.488	1.82	2.88	0.8888	15
16	0.4088	0.2208	2.08 B	2.28	8.31	1.34	0.828	0.841E	0.848	1.78	2.43	0.8188	16
17	0.3688	0.2108	1.78 B	2.08	4.38	1.17	0.874	0.871	0.818	1.88	2.21	0.7888	17
18	0.3688	0.2058	1.88 B	2.01	3.88	1.17	0.827	0.188	0.888	1.48	1.82	0.8888	18
19	0.3588	0.1888	1.48 B	2.08	3.13	1.38	0.477	0.138	0.824	1.38	1.88	0.8888	19
20	0.3388	0.1908	1.38 B	2.14	2.88	1.38	0.478	0.181	0.888	1.18	1.81	1.88 B	20
21	0.3188	0.2258	1.18 B	3.88	2.18	1.88	0.471	0.148	0.838	1.28	1.88 B	1.28 B	21
22	0.2858	0.3138	1.08 B	4.88	1.88	1.84	0.438	0.187	0.488	1.28	1.48 B	1.18 B	22
23	0.2888	0.3888	0.9388	4.78	1.87	0.888	0.388	0.172	0.448	1.22	1.28 B	1.83 B	23
24	0.2788	0.8488	0.8388	4.88	1.84	0.827	0.358	0.188	0.421	1.22	1.13 B	0.8888	24
25	0.2888	0.8888	0.7888	4.88	1.27	0.734	0.321	0.188	0.373	1.28	1.88 B	0.8888	25
26	0.2788	1.35 B	0.8888	3.83	1.32	0.848	0.273	0.188	0.298	1.25	0.8388	0.7388	26
27	0.3488	2.38 B	0.8288	4.12	1.84	0.888	0.218	0.188	0.248	1.27	0.8788	0.8888	27
28	0.4888	4.78 B	1.38 B	4.31	1.87	0.728	0.188	0.188	0.208	1.38	0.8288	0.8788	28
29	0.4688	7.88 B	2.28 B	4.88	1.88	0.737	0.238	0.188	0.288	1.33	1.28 B	0.8288	29
30	0.4188		13.7 B	5.38	1.88	0.788	0.212	0.118	0.411	1.11	1.78 B	0.4788	30
31	0.3788		8.14		1.82		0.173	0.118		1.11		0.4288	31
TOTAL	10.813	24.173	88.288	110.88	122.81	88.828	23.128	3.188	8.337	47.288	87.914	37.848	TOTAL
MEAN	0.382	0.834	2.88	3.88	3.88	2.18	0.748	0.182	0.278	1.83	1.83	1.21	MEAN
MAX	0.488	7.88	13.7	8.83	8.88	8.88	1.73	0.188	0.888	2.88	3.84	2.84	MAX
MIN	0.288	0.188	0.888	2.81	1.27	0.848	0.173	0.812	0.844	0.388	0.828	0.428	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 13.78 ON MAR 30
MINIMUM DAILY, 0.012E ON AUG 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 23 N
LONG 58 01 21 W
DRAINAGE AREA, 81.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	943	JUL	2 080
FEB	2 080	AUG	374
MAR	7 710	SEP	720
APR	8 580	OCT	4 080
MAY	10 800	NOV	5 080
JUN	5 870	DEC	3 250

TOTAL DISCHARGE, 81 900 dam³

REMARKS - THE E FOR DISCHARGE BELOW 0.05 IS DUE TO CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE - STATION NO. 03NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.0B	38.3B	30.5B	30.0B	27.0B	824	374	177	110	340	188	71.0B	1
2	37.0B	38.8B	30.3B	28.8B	28.8B	788	368	178	108	361	187	69.0B	2
3	36.0B	38.8B	30.3B	28.8B	28.8B	788	347	178	108	383	184	67.0B	3
4	35.0B	38.0B	30.0B	28.7B	28.8B	785	334	178	108	385	185	68.0B	4
5	34.3B	37.0B	29.0B	28.0B	27.0B	772	321	178	104	341	189	64.0B	5
6	33.5B	37.3B	28.7B	28.5B	28.5B	746	310	174	104	330	178	63.0B	6
7	32.7B	37.0B	28.5B	28.3B	33.0B	718	282	170	107	331	186	62.0B	7
8	32.0B	36.5B	28.4B	28.1B	41.0B	686	263	167	107	308	182	60.0B	8
9	31.0B	36.2B	28.3B	28.0B	49.0B	656	272	166	107	293	180	59.0B	9
10	30.3B	36.0B	28.0B	28.0B	80.0B	622	289	161	108	276	187	58.0B	10
11	30.0B	35.6B	30.0B	28.6B	75.0B	598	249	156	113	283	188	57.0B	11
12	48.3B	35.3B	32.0B	28.7B	85.0B	550	246	154	118	261	188	58.5B	12
13	48.7B	35.0B	33.5B	28.6B	125 B	558	241	152	123	240	184	54.5B	13
14	48.0B	34.9B	33.3B	28.5B	175 B	549	237	146	128	231	147	54.0B	14
15	47.5B	34.5B	33.0B	28.4B	250 B	537	234	143	131A	224	140	52.5B	15
16	46.5B	34.2B	32.9B	28.3B	375 B	522	232	140	135E	215	138	51.0B	16
17	46.1B	34.0B	32.6B	28.1B	540	518	227	136	136E	208	133	50.4B	17
18	45.7B	33.6B	32.5B	28.0B	533	493	226	134	140E	197	137	48.0B	18
19	45.3B	33.3B	32.2B	27.9B	692	471	228	132	145E	187	137	49.0B	19
20	44.5B	33.0B	32.0B	27.9B	735	457	224	126	147E	180	138	48.0B	20
21	44.0B	32.9B	31.8B	27.8B	773	461	222	128	160E	178	128	47.0B	21
22	43.5B	32.6B	31.6B	27.7B	884	435	217	126	175E	175	109	46.0B	22
23	43.0B	32.4B	31.5B	27.6B	982	429	213	127	180E	167	98.4	45.5B	23
24	42.5B	32.0B	31.0B	27.5B	1 040	437	208	126	205E	163	90.0B	45.0B	24
25	42.0B	31.9B	30.9B	27.5B	1 090	434	204	124	225E	161	85.0B	44.0B	25
26	41.7B	31.7B	30.0B	27.4B	1 110	427	196	122	240E	161	81.0B	43.0B	26
27	41.0B	31.4B	30.6B	27.3B	1 080	419	192	121	260E	161	78.0B	42.5B	27
28	40.5B	31.0B	30.7B	27.2B	1 060	411	187	119	280E	162	77.0B	41.5B	28
29	40.2B	30.6B	30.5B	27.1B	997	401	183	117	295A	167	74.0B	41.0B	29
30	40.0B		30.3B	27.0B	941	388	178	116	325	177	73.0B	40.0B	30
31	39.5B		30.2B		882		178	113		184		39.0B	31
TOTAL	1 469.8	1 008.0	982.4	852.1	14 831.0	18 935	7 875	4 492	4 742	7 320	4 082.4	1 835.3	TOTAL
MEAN	47.4	34.7	31.0	28.4	478	584	248	145	158	236	136	52.6	MEAN
MAX	56.0	39.3	33.5	30.0	1 110	824	374	178	325	385	188	71.0	MAX
MIN	39.5	30.6	28.0	27.0	26.8	388	178	113	104	161	73.0	39.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 180
MAXIMUM DAILY, 1 110 ON MAY 26
MINIMUM DAILY, 26.8B ON MAY 3
MAXIMUM INSTANTANEOUS,
1 120 AT 14:15 AST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 37 25 N
LONG 60 58 36 W
DRAINAGE AREA, 8 930 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	127 000	JUL	683 000
FEB	86 900	AUG	388 000
MAR	83 200	SEP	410 000
APR	73 800	OCT	632 000
MAY	1 280 000	NOV	353 000
JUN	1 630 000	DEC	141 000

TOTAL DISCHARGE, 5 700 000 dam³

LEARY BROOK AT PRINCE PHILIP DRIVE - STATION NO. 02ZM020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.483	0.483	2.23	1.28	1.23	1.50	1.18	0.188	0.200	0.440	0.211	0.828	1
2	0.488	0.630	4.61	1.01	1.33	0.888	0.643	0.157	0.180	0.342	0.197	0.852	2
3	0.370	0.885	2.88	0.802	1.82	0.709	0.461	0.141	0.148	0.283	3.27	0.876	3
4	0.375	0.820	1.83	0.761	3.88	0.648	0.382	0.138	0.184	0.220	1.31	0.853	4
5	0.408	0.6388	3.88	1.30	1.88	0.535	0.308	0.134	0.180	0.277	0.882	0.713	5
6	0.373	0.4888	2.80	0.887	1.30	0.584	0.288	0.122	0.228	1.13	0.588	0.804	6
7	0.382	0.4308	1.88	0.765	0.888	0.522	0.480	0.103	0.171	0.488	1.13	0.441	7
8	0.338	0.3868	2.07	0.674	2.04	0.405	0.328	0.111	0.140	0.343	1.04	0.428	8
9	0.382	0.3838	7.40	0.882	1.38	0.318	0.388	0.107	0.128	0.408	0.711	0.425	9
10	0.343	0.3388	2.80	0.887	1.08	0.881	0.212	0.108	0.130	0.827	0.737	0.348	10
11	0.336	0.3188	4.34	2.88	2.38	0.710	0.388	0.102	0.880	0.784	0.880	0.328	11
12	0.312	0.3038	2.82	5.88	1.08	0.487	0.301	0.102	0.388	1.84	0.848	0.2828	12
13	0.304	0.2868	1.83	2.20	0.847	0.384	0.318	0.083	0.271	0.878	0.525	0.2818	13
14	0.427	1.14	1.08	2.18	0.707	0.342	0.315	0.805	0.317	0.800	0.588	0.2408	14
15	0.3808	0.848	0.935	2.72	0.638	0.305	0.241	0.284	0.281	0.805	0.858	0.2588	15
16	0.3288	1.17	0.843	1.87	0.883	0.280	0.283	0.172	0.208	0.878	0.671	1.38	16
17	0.2868	5.18	0.818	1.83	0.482	0.283	0.237	0.140	0.181	0.488	0.828	0.724	17
18	0.2638	3.02	0.880	1.38	0.428	0.888	0.220	0.852	0.188	0.412	0.885	0.851	18
19	0.2308	1.87	0.824	1.08	0.380	0.806	0.183	0.370	0.181	0.384	0.858	0.810	19
20	0.2188	1.28	1.02	1.18	0.388	0.333	0.300	0.222	0.144	0.337	0.887	0.885	20
21	0.388	2.27	0.734	4.88	0.320	0.288	0.204	0.181	0.131	0.412	0.803	1.35	21
22	0.383	2.34	0.888	2.07	0.288	0.240	0.207	0.187	0.138	0.384	2.35	1.80	22
23	0.387	1.78	0.824	2.02	0.280	0.222	0.205	0.183	0.155	0.344	1.32	1.08	23
24	0.338	4.84	0.488	1.34	0.288	0.313	0.181	0.181	0.132	0.384	0.780	0.748	24
25	0.308	8.71	0.480	1.08	0.252	0.208	0.188	0.138	0.118	0.337	0.671	0.828	25
26	0.788	3.28	0.432	1.12	0.234	0.248	0.188	0.133	0.120	0.388	0.788	0.881	26
27	1.42	4.88	0.887	1.18	0.218	0.724	0.188	0.122	0.118	0.357	1.78	0.888	27
28	0.874	7.48	1.72	1.04	0.204	0.382	0.148	0.118	0.118	0.304	1.78	0.842	28
29	0.878	3.08	1.38	0.787	0.188	0.283	0.448	0.112	1.18	0.307	1.78	0.850	29
30	0.824		1.38	0.888	0.178	1.88	0.238	0.284	0.884	0.303	1.08	0.801	30
31	0.493		1.37		0.163		0.188	0.282		0.280		0.805	31
TOTAL	13.871	80.078	58.088	47.781	27.407	15.811	8.881	5.105	7.842	14.588	29.283	21.283	TOTAL
MEAN	0.438	2.87	1.81	1.58	0.884	0.530	0.312	0.187	0.251	0.470	0.878	0.888	MEAN
MAX	1.42	8.71	7.40	5.88	3.88	1.88	1.18	0.852	1.18	1.84	3.27	1.80	MAX
MIN	0.218	0.288	0.432	0.882	0.163	0.208	0.148	0.093	0.118	0.220	0.187	0.348	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.844
MAXIMUM DAILY, 8.71 ON FEB 25
MINIMUM DAILY, 0.083 ON AUG 13
MAXIMUM INSTANTANEOUS,
13.1 AT 08:02 NST ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 48 N
LONG 52 45 00 W
DRAINAGE AREA, 17.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 170	JUL	835
FEB	5 190	AUG	527
MAR	4 840	SEP	852
APR	4 130	OCT	1 260
MAY	2 370	NOV	2 530
JUN	1 350	DEC	1 840

TOTAL DISCHARGE, 28 700 dam³

LEARY BROOK AT ST. JOHN'S - STATION NO. 02ZM017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.272	0.343	1.90	0.978	0.915	1.08	0.907	0.105	0.143	0.378	0.188	0.777	1
2	0.240	0.335	3.43	0.788	1.02	0.763	0.428	0.090	0.103	0.255	0.189	0.728	2
3	0.2138	0.638	1.88	0.834	1.21	0.683	0.336	0.078	0.088	0.188	2.38	0.867	3
4	0.182	0.362	1.33	0.853	2.07	0.347	0.277	0.082	0.106	0.162	1.08	0.588	4
5	0.2328	0.2858	2.93	0.830	1.40	0.371	0.221	0.081	0.093	0.174	0.588	0.803	5
6	0.180	0.2368	1.82	0.787	0.932	0.808	0.208	0.088	0.151	1.01	0.803	0.447	6
7	0.175	0.2228	1.01	0.881	0.735	0.508	0.333	0.086	0.108	0.442	0.844	0.348	7
8	0.150	0.2068	1.42	0.841	1.48	0.310	0.244	0.083	0.080	0.312	0.672	0.378	8
9	0.1718	0.1908	5.80	0.808	1.00	0.217	0.288	0.084	0.078	0.330	0.587	0.367	9
10	0.153	0.1808	1.83	0.889	0.821	0.887	0.220	0.087	0.088	0.483	0.837	0.280	10
11	0.141	0.1738	3.14	1.82	1.88	0.878	0.281	0.084	0.473	0.884	0.880	0.284	11
12	0.1388	0.1828	1.87	4.83	0.904	0.332	0.208	0.085	0.284	1.42	0.574	0.2438	12
13	0.1258	0.1898	1.15	1.84	0.888	0.288	0.207	0.083	0.211	0.811	0.485	0.2218	13
14	0.193	0.882	0.888	1.83	0.898	0.233	0.211	0.388	0.221	0.578	0.438	0.2008	14
15	0.1768	0.498	0.751	2.07	0.848	0.203	0.183	0.208	0.212	0.880	0.788	0.4208	15
16	0.1628	0.574	0.733	1.41	0.488	0.183	0.174	0.108	0.152	0.848	0.871	1.01	16
17	0.1338	3.87	0.818	1.10	0.388	0.183	0.137	0.088	0.133	0.431	0.883	0.878	17
18	0.1138	2.15	0.840	0.822	0.318	0.478	0.123	0.872	0.128	0.378	0.884	0.888	18
19	0.1008	1.21	0.470	0.773	0.280	0.838	0.108	0.283	0.111	0.338	0.838	0.887	19
20	0.0948	0.808	0.734	0.778	0.253	0.238	0.184	0.140	0.101	0.318	0.488	0.488	20
21	0.1228	1.42	0.887	3.48	0.217	0.188	0.132	0.108	0.082	0.382	0.418	0.883	21
22	0.188	1.88	0.427	1.48	0.188	0.137	0.121	0.114	0.084	0.308	1.72	1.28	22
23	0.1448	1.13	0.382	1.47	0.188	0.128	0.128	0.088	0.083	0.288	0.880	0.848	23
24	0.1288	3.38	0.325	0.884	0.183	0.198	0.080	0.087	0.082	0.287	0.843	0.811	24
25	0.1128	7.80	0.287	0.778	0.152	0.122	0.101	0.083	0.081	0.288	0.888	0.844	25
26	0.3008	2.26	0.283	0.788	0.130	0.122	0.108	0.073	0.078	0.282	0.587	0.886	26
27	0.998	3.88	0.888	0.880	0.128	0.843	0.081	0.088	0.078	0.283	1.38	0.484	27
28	0.888	5.77	1.38	0.808	0.102	0.288	0.083	0.071	0.074	0.288	1.42	0.483	28
29	0.388	2.20	1.08	0.881	0.083	0.188	0.274	0.071	0.818	0.328	1.43	0.722	29
30	0.281		1.05	0.832	0.088	1.20	0.148	0.138	0.838	0.224	0.888	0.8508	30
31	0.281		1.02		0.082		0.108	0.244		0.198		0.4608	31
TOTAL	8.838	41.788	41.183	35.231	20.502	11.588	8.828	3.733	5.478	12.444	23.483	17.384	TOTAL
MEAN	0.221	1.44	1.33	1.17	0.881	0.388	0.214	0.120	0.183	0.401	0.783	0.581	MEAN
MAX	0.998	7.80	5.80	4.83	3.07	1.20	0.907	0.572	0.838	1.42	2.38	1.28	MAX
MIN	0.084	0.188	0.283	0.808	0.082	0.122	0.083	0.043	0.088	0.182	0.188	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.818
MAXIMUM DAILY, 7.80 ON FEB 25
MINIMUM DAILY, 0.043 ON AUG 13
MAXIMUM INSTANTANEOUS,
11.0 AT 07:30 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 43 N
LONG 52 45 47 W
DRAINAGE AREA, 15.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	881	JUL	573
FEB	3 810	AUG	323
MAR	3 680	SEP	473
APR	3 040	OCT	1 080
MAY	1 770	NOV	2 030
JUN	1 000	DEC	1 800

TOTAL DISCHARGE, 19 800 dam³

LEECH BROOK NEAR GRAND FALLS - STATION NO. 02YB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4408	1.28 B	8.80 B	10.3	14.4	1.95	0.803	0.212	0.208	2.52	0.887	3.58	1
2	0.4208	1.28 B	7.80 B	8.24	8.42	8.00	1.57	0.170	0.178	2.03	0.818	2.00 B	2
3	0.3908	1.80 B	8.80 B	8.06	8.88	7.23	4.58	0.148	0.142	1.58	2.07	1.40 B	3
4	0.4208	1.80 B	8.80 B	8.37	4.58	8.41	3.84	0.118	0.124	1.28	8.84	1.18 B	4
5	0.4408	1.38 B	4.80 B	8.08	8.34	4.87	2.28	0.100	0.128	1.81	3.20	1.03 B	5
6	0.4108	1.22 B	3.78 B	4.88	8.48	8.80	1.88	0.078	0.244	8.28	2.12	1.30 B	6
7	0.3808	1.10 B	3.18 B	8.88	11.3	12.2	2.18	0.073	0.203	8.88	2.38	1.73 B	7
8	0.3888	0.8608	2.80 B	8.18	8.07	7.71	1.82	0.074	0.178	3.88	4.80	1.88 B	8
9	0.3408	0.8708	1.88	8.41	7.08	3.88	1.38	0.804	0.188	2.31	4.87	1.38 B	9
10	0.3308	0.8008	3.18	7.83	8.20	2.81	0.938	2.48	0.144	2.43	3.88	1.22 B	10
11	0.3108	0.7208	3.07	8.82	13.3	2.40	0.708	1.48	0.181	2.88	3.82	1.08 B	11
12	0.2908	0.8508	4.44	6.08	13.8	1.88	0.582	0.848	0.182	2.18	4.88	0.8608	12
13	0.2708	0.8408	4.83	3.83	12.4	1.80	0.588	0.848	0.228	1.73	3.48	0.8808	13
14	0.3718	0.5008	4.83	2.81	8.88	1.13	0.550	0.488	0.728	1.48	2.84	0.7808	14
15	0.3408	0.4908	3.80	2.73	6.31	0.878	0.498	0.408	2.47	1.48	2.87	0.7208	15
16	0.3308	0.4008	2.88	2.78	5.52	0.748	0.488	0.314	2.08	1.50	2.88	0.8808	16
17	0.3888	0.3708	2.04	3.13	4.00	0.828	0.432	0.273	1.87	1.28	2.18	0.8008	17
18	0.2888	0.3388	1.80 B	3.82	3.82	0.882	0.358	0.477	1.28	1.08	1.88	0.7708	18
19	0.2708	0.3108	1.70 B	3.82	3.04	2.81	0.304	1.33	0.848	0.898	1.80	0.8308	19
20	0.2888	0.2808	1.88 B	4.28	2.87	2.21	0.328	1.11	0.748	0.812	1.80 B	1.18 B	20
21	0.2408	0.4008	1.42 B	11.3	2.38	1.37	0.384	0.834	0.808	0.811	1.48 B	1.33 B	21
22	0.2308	0.5408	1.32 B	12.4	2.12	0.870	0.372	1.07	0.852	1.13	1.38 B	1.10 B	22
23	0.2208	0.4808	1.32 B	8.81	1.88	0.788	0.338	1.27	0.887	1.03	1.28 B	0.8508	23
24	0.2108	1.48 B	1.12 B	8.41	1.88	0.732	0.284	0.882	1.21	1.02	1.18 B	0.8408	24
25	0.2008	2.30 B	1.04 B	8.08	1.27	0.828	0.281	0.788	0.894	1.13	1.14 B	0.7508	25
26	0.3788	3.88 B	0.8808	5.38	1.88	0.838	0.211	0.881	0.788	1.13	1.08 B	0.8808	26
27	0.7708	8.40 B	1.10 B	5.70	8.13	0.821	0.188	0.471	0.808	1.12	1.08 B	0.8308	27
28	2.50 B	7.80 B	4.82	8.07	3.48	0.782	0.148	0.380	0.888	1.08	1.01 B	0.8408	28
29	2.20 B	10.2 B	15.4	8.84	2.87	0.808	0.287	0.308	2.13	0.888	7.18	0.8408	29
30	1.80 B		18.8	10.8	2.82	0.842	0.282	0.278	3.47	0.874	8.18	0.8008	30
31	1.48 B		13.3		1.82		0.240	0.238		0.790		0.4608	31
TOTAL	17.158	48.228	138.280	188.78	188.18	83.082	28.788	18.788	22.873	58.834	83.848	33.210	TOTAL
MEAN	0.553	1.78	4.48	8.83	8.81	2.77	0.928	0.808	0.788	1.82	2.78	1.07	MEAN
MAX	2.50	10.2	18.8	12.4	14.4	12.2	4.58	2.48	3.47	8.28	8.18	3.88	MAX
MIN	0.200	0.280	0.880	2.73	1.27	0.838	0.148	0.072	0.124	0.780	0.818	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.62
MAXIMUM DAILY, 18.8 ON MAR 30
MINIMUM DAILY, 0.072 ON AUG 7
MAXIMUM INSTANTANEOUS,
22.0 AT 01:15 NST ON MAR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 42 N
LONG 55 48 42 W
DRAINAGE AREA, 88.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 480	JUL	2 480
FEB	4 250	AUG	1 620
MAR	11 800	SEP	2 070
APR	17 200	OCT	6 180
MAY	16 100	NOV	7 240
JUN	7 180	DEC	2 870

TOTAL DISCHARGE, 78 800 dam³

NEWFOUNDLAND AND LABRADOR

LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE - STATION NO. 02YK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.63	4.008	15.1	57.2	82.4	27.6	38.6	6.88	6.18	17.2	12.3	38.3	1
2	4.48	3.958	19.6	52.3	84.6	36.4	36.3	6.68	5.85	16.6	11.8	33.1	2
3	4.31	4.138	26.1	47.2	86.3	31.9	36.0	6.16	4.84	15.5	10.4	27.4	3
4	4.308	4.26	30.3	41.7	48.6	30.3	33.3	5.77	4.76	14.8	26.8	23.1	4
5	4.158	4.64	31.6	36.4	52.1	26.3	28.4	5.36	4.72	15.9	31.4	19.7	5
6	4.058	4.67	28.3	32.1	62.5	23.2	23.7	5.04	4.75	28.7	28.3	17.0	6
7	3.988	4.83	26.6	30.8	76.3	36.5	20.0	4.82	4.75	38.4	26.3	15.1	7
8	3.858	4.758	23.2	30.6	78.4	36.2	17.2	4.73	4.82	36.8	26.1	13.6	8
9	3.758	4.808	19.2	31.5	88.4	31.1	14.9	4.88	5.25	31.8	24.1	12.4	9
10	3.708	4.808	18.7	37.8	87.8	26.3	12.9	4.78	5.48	27.1	22.9	11.8	10
11	3.628	4.408	18.8	51.2	78.1	22.4	11.4	5.32	7.86	25.1	22.4	10.3	11
12	3.558	4.308	19.1	60.8	80.3	18.8	10.0	5.77	11.1	23.8	26.0	8.31	12
13	3.508	4.258	21.8	63.1	88.7	17.2	11.2	5.66	13.0	20.4	24.8	8.41	13
14	3.408	4.108	22.5	58.2	92.1	14.8	13.4	5.34	18.0	18.0	23.0	7.83	14
15	3.808	4.008	21.2	38.0	84.1	13.2	13.9	5.03	28.7	18.0	22.2	7.23	15
16	4.30	3.858	18.8	24.4	71.5	11.8	14.8	4.86	28.5	14.8	23.7	6.87	16
17	4.28	3.858	16.7	21.4	61.1	10.8	14.8	4.61	26.6	13.7	23.8	6.78	17
18	4.20	3.808	15.0	20.0	60.8	10.4	13.4	4.62	26.1	13.8	26.8	6.80	18
19	4.18	3.708	13.8	19.7	57.5	11.8	11.8	5.97	22.3	11.4	37.5	6.37	19
20	4.18	3.858	12.3	18.8	53.4	12.8	11.1	7.78	19.0	10.8	36.5	6.17	20
21	4.068	3.808	11.2	20.4	51.0	11.5	10.8	8.84	16.8	12.1	30.1	5.31	21
22	3.978	3.858	10.0	20.3	48.3	10.5	10.4	9.86	14.5	14.8	24.6	5.55	22
23	3.938	3.708	9.07	18.5	43.8	10.2	9.67	12.4	13.1	14.8	20.6	6.63	23
24	3.858	3.858	8.28	18.1	38.7	10.1	8.98	13.3	12.3	14.6	18.2	8.308	24
25	3.788	4.308	7.82	18.6	36.6	10.6	8.14	12.3	11.3	14.7	16.2	8.188	25
26	4.08	4.708	7.37	19.3	36.2	10.3	7.38	11.8	11.1	14.5	14.5	8.108	26
27	4.22	5.608	7.21	22.7	61.5	11.8	6.77	10.2	10.1	14.3	13.3	8.808	27
28	4.18	8.05	10.7	28.3	83.9	19.2	6.26	9.04	9.89	14.0	12.5	8.658	28
29	4.158	11.1	23.7	35.1	85.5	28.7	5.80	7.88	12.5	13.9	22.5	8.508	29
30	4.108		45.0	44.8	38.2	43.4	5.67	7.18	16.3	13.8	41.2	8.358	30
31	4.058		57.4		31.7		7.18	6.73		12.9		8.208	31
TOTAL	124.50	133.31	609.75	980.1	1 855.9	528.8	475.08	219.07	383.87	553.8	704.0	383.82	TOTAL
MEAN	4.02	4.80	19.7	32.0	59.8	21.0	15.3	7.07	12.8	18.2	23.5	11.4	MEAN
MAX	4.63	11.1	57.4	87.2	88.7	43.4	38.6	13.3	28.5	38.4	41.2	33.3	MAX
MIN	3.40	3.80	7.21	18.8	31.7	10.1	5.28	4.61	4.70	10.6	11.8	5.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 88.7 ON MAY 13
MINIMUM DAILY, 3.408 ON JAN 14
MAXIMUM INSTANTANEOUS,
87.4 AT 06:53 NST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 37 20 N
LONG 57 58 00 W
DRAINAGE AREA, 470 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	41 000
FEB	11 500	AUG	18 900
MAR	52 700	SEP	33 200
APR	83 000	OCT	48 700
MAY	180 000	NOV	60 600
JUN	84 300	DEC	30 600

TOTAL DISCHARGE, 606 000 dam³

LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S - STATION NO. 02ZA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.858	2.808	10.8 B	41.2	43.3	10.3	18.8	5.92	2.37	10.8	5.18	24.8	1
2	3.858	2.858	15.0 B	33.0	37.4	11.3	12.8	5.08	2.17	8.84	8.23	18.3	2
3	3.458	2.808	22.0 B	27.8	30.8	13.4	11.3	4.18	2.02	7.97	10.8	12.8 B	3
4	3.358	2.758	20.0 B	24.7	28.2	10.8	8.78	3.37	1.87	7.88	20.8	10.0 B	4
5	3.308	3.008	18.0 B	25.7	33.4	10.8	7.77	2.88	1.81	18.8	21.8	8.208	5
6	3.208	3.358	18.0 B	25.7	38.8	11.2	8.18	2.52	1.82	36.8	17.2	7.008	6
7	3.158	3.208	14.5 B	27.4	43.1	12.5	4.88	2.51	1.85	30.0	13.1	8.158	7
8	3.088	3.208	13.2 B	26.4	37.8	14.5	4.20	2.44	2.11	22.3	14.3	8.608	8
9	3.028	3.158	12.0 B	21.4	31.2	12.0	3.72	2.48	2.18	18.2	18.0	8.108	9
10	2.858	3.048	11.0 B	43.0	28.8	8.11	3.28	2.85	2.32	12.8	21.0	4.858	10
11	2.908	3.008	13.0 B	48.0	31.7	7.24	3.03	3.18	5.11	11.8	20.0	4.808	11
12	2.838	2.958	15.0 B	34.4	38.0	6.11	2.78	2.98	5.80	10.1	21.0	4.308	12
13	2.778	2.908	13.5 B	24.0	40.3	5.12	3.61	2.84	5.40	8.73	17.7	4.108	13
14	2.728	2.858	12.3 B	17.7	34.8	4.41	3.83	2.38	5.83	7.40	18.3	3.908	14
15	3.008	2.808	11.3 B	13.9	30.4	3.87	3.80	2.10	12.2	8.78	20.0	3.728	15
16	3.288	2.788	10.3 B	12.0	24.6	3.58	3.87	1.88	14.3	7.88	22.2	3.858	16
17	3.308	2.708	9.808	13.0	20.3	3.34	3.84	1.73	18.0	6.88	18.8	3.428	17
18	3.208	2.888	8.808	13.4	22.9	3.62	3.17	1.88	14.7	6.10	21.4	3.288	18
19	3.188	2.828	8.008	15.9	21.8	5.48	2.82	2.11	10.3	5.37	23.1	3.158	19
20	3.108	2.888	7.708	15.8	16.5	5.19	3.08	2.87	7.58	4.80	16.5 B	3.038	20
21	3.058	2.838	7.108	15.7	16.9	4.69	5.08	3.28	5.84	5.88	12.5 B	3.808	21
22	3.008	2.808	8.708	16.8	15.3	3.83	4.66	5.88	5.07	7.38	8.608	4.808	22
23	2.808	2.758	8.308	16.4	13.2	4.09	3.65	6.20	4.85	7.81	8.008	4.408	23
24	2.858	3.008	8.008	15.8	12.6	4.88	3.25	7.07	5.18	8.78	8.908	4.208	24
25	2.808	3.308	8.708	16.8	12.7	4.34	2.63	5.61	5.08	7.08	8.308	4.008	25
26	2.908	3.708	8.608	16.4	16.2	3.87	2.53	4.51	4.83	8.80	8.708	3.858	26
27	3.058	4.308	10.0 B	21.8	32.2	4.28	2.32	3.58	4.38	8.28	8.208	3.708	27
28	3.108	6.408	17.0 B	27.8	28.7	10.8	2.14	3.04	4.38	8.01	8.41	3.558	28
29	3.058	7.008	58.8	30.4	21.8	25.8	3.17	2.73	8.43	8.88	35.0	3.488	29
30	3.008		56.8	26.8	18.1	22.3	3.10	2.67	10.4	9.68	34.7	3.358	30
31	2.958		53.0		11.9		4.18	2.55		9.38		3.258	31
TOTAL	95.58	92.61	493.30	731.8	837.5	251.82	181.77	108.27	183.14	317.74	473.10	181.77	TOTAL
MEAN	3.06	3.18	15.9	24.4	27.0	8.40	4.80	3.43	6.10	10.2	15.8	5.86	MEAN
MAX	3.88	7.00	58.8	48.0	43.3	25.8	18.8	8.30	18.0	36.8	36.0	24.8	MAX
MIN	2.72	2.80	5.80	12.0	11.9	3.34	2.14	1.73	1.81	4.80	8.18	3.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 58.8 ON MAR 30
MINIMUM DAILY, 1.73 ON AUG 17
MAXIMUM INSTANTANEOUS,
61.2 AT 21:15 NST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 44 N
LONG 58 23 55 W
DRAINAGE AREA, 343 km²

B - ICE CONDITIONS

NATURAL FLOW.

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 250	JUL	13 100
FEB	8 000	AUG	8 180
MAR	42 600	SEP	15 800
APR	63 200	OCT	27 800
MAY	72 400	NOV	40 800
JUN	31 800	DEC	15 700

TOTAL DISCHARGE, 338 000 dam³

LITTLE BARACHOIS RIVER NEAR PLACENTIA - STATION NO. 02ZK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3328	0.678	2.03	1.44	0.882	0.880	8.04	0.741	0.338	0.880	0.884	1.38	1
2	0.3128	0.748	3.87	1.21	0.882	1.10	2.87	0.708	0.283	0.747	0.483	1.24	2
3	0.2828	2.08	3.12	0.948	1.28	1.70	1.84	0.830	0.283	0.820	11.4	1.02	3
4	0.2618	1.48 B	2.20	0.784	4.87	1.48	1.38	0.848	0.248	0.488	4.70	0.886	4
5	0.3388	1.18 B	8.74	0.823	2.88	2.84	1.00	0.488	0.238	0.884	1.88	0.802	5
6	0.3828	1.74 B	4.84	0.880	1.87	4.28	0.807	0.438	0.388	3.88	1.37	0.882	6
7	0.2878	0.8858	1.83	0.784	1.24	4.82	1.33	0.383	0.408	2.08	2.83	0.5858	7
8	0.2428	0.8508	3.44	0.883	2.89	2.21	1.43	0.378	0.348	1.27	3.58	0.8408	8
9	0.2378	0.8108	4.81	0.817	2.80	1.38	2.08	0.388	0.284	0.870	1.88	0.5108	9
10	0.2308	0.4188	2.47	7.47	1.82	1.47	1.88	0.384	0.288	0.835	1.83	0.482	10
11	0.2208	0.3828	13.4	4.88	1.28	7.41	1.18	0.381	0.810	0.740	1.82	0.438	11
12	0.2128	0.3068	8.88	2.33	1.18	2.38	0.881	0.318	0.788	1.30	2.13	0.4188	12
13	0.2068	0.3728	2.38	1.84	0.927	1.83	0.900	0.288	0.841	1.13	1.47	0.3848	13
14	0.3008	3.31 B	1.78	1.48	0.777	1.17	0.838	1.04	0.788	0.918	1.17	0.3628	14
15	0.4808	2.12 B	1.28	2.18	0.783	0.902	0.818	1.20	1.48	0.844	2.88	0.4808	15
16	0.3808	1.71 B	1.00	2.41	0.874	0.737	0.731	0.824	1.08	0.835	1.85	0.5788	16
17	0.3208	17.0 B	0.8308	1.72	0.577	0.828	0.858	0.828	1.28	0.718	1.31	0.711	17
18	0.2948	7.12	0.8388	1.88	0.831	7.38	0.831	0.842	1.24	0.818	1.48	0.848	18
19	0.2708	2.28	0.7388	1.82	0.477	8.88	0.807	0.802	0.918	0.841	1.72	1.40	19
20	0.2878	1.83	1.08	1.32	0.448	2.10	1.24	0.403	0.710	0.478	1.31	1.08	20
21	0.2448	4.78	1.13	8.74	0.407	1.28	1.38	0.388	0.584	0.848	1.07	1.88	21
22	0.2388	8.00	0.8008	2.81	0.378	0.888	1.08	0.418	0.518	0.578	2.00	4.14	22
23	0.2288	3.22	0.7588	2.20	0.378	0.808	1.48	0.407	0.587	0.481	1.74	2.88	23
24	0.2148	8.48	0.8558	1.88	0.434	1.87	1.11	0.342	0.498	0.431	1.24	1.44	24
25	0.2108	33.2	0.872	1.22	0.482	1.87	1.08	0.328	0.438	0.414	0.882	1.08	25
26	1.80 B	4.44	0.828	1.00	0.483	1.11	1.37	0.307	0.388	0.881	0.845	0.8108	26
27	8.48	10.8	0.783	0.883	0.801	4.84	1.18	0.288	0.348	1.08	0.883	0.8958	27
28	2.88	18.2	4.81	0.752	0.488	3.83	0.888	0.300	0.324	0.802	1.38	0.8308	28
29	1.81	4.88	4.88	0.883	0.418	3.88	0.732	0.278	0.474	0.887	2.84	1.12 B	29
30	1.38 B		2.74	0.888	0.387	18.2	0.884	0.288	1.32	0.881	1.84	2.01 B	30
31	0.8488		1.83		0.312		0.878	0.348		0.887		1.82 B	31
TOTAL	21.835	128.883	88.837	84.814	32.008	88.282	41.888	14.881	18.038	27.888	81.827	32.847	TOTAL
MEAN	0.888	4.48	2.78	1.83	1.02	2.84	1.35	0.478	0.801	0.889	2.08	1.08	MEAN
MAX	8.48	33.2	13.4	7.47	4.87	18.2	8.04	1.20	1.48	3.88	11.4	4.14	MAX
MIN	0.208	0.272	0.828	0.888	0.312	0.880	0.878	0.278	0.238	0.414	0.483	0.383	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 33.2 ON FEB 28
MINIMUM DAILY, 0.2088 ON JAN 13
MAXIMUM INSTANTANEOUS,
38.7 AT 08:30 NST ON FEB 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 83 N
LONG 88 02 27 W
DRAINAGE AREA, 37.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 870	JUL	3 830
FEB	11 200	AUG	1 280
MAR	7 438	SEP	1 880
APR	4 740	OCT	2 410
MAY	2 770	NOV	8 240
JUN	7 830	DEC	2 820

TOTAL DISCHARGE, 82 700 dam³

REMARKS - PUBLISHED UNDER THE NAME "LITTLE BARASWAY RIVER NEAR PLACENTIA" TO 1988.

LITTLE BARASWAY BROOK NEAR MOLLIERS - STATION NO. 02ZK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5008	1.32 B	2.74	1.18	0.432	0.784	2.14	0.384	0.184	0.180	0.888	1.12	1
2	0.4388	1.08 B	4.88	0.874	0.380	1.08	1.47	0.318	0.124	0.188	0.488	1.27	2
3	0.3708	2.08 B	3.33	0.718	1.13	1.82	2.80	0.234	0.108	0.188	4.81	0.810	3
4	0.3108	1.88 B	2.12	0.884	3.14	1.01	1.84	0.337	0.087	0.180	3.08	0.782	4
5	0.3828	1.52 B	8.88 E	0.781	1.88	3.87	1.10	0.178	0.118	1.17	1.80	0.888	5
6	0.4208	2.02 B	3.78	0.888	1.08	3.78	0.728	0.121	0.747	7.44 E	1.17	0.8928	6
7	0.3488	1.88 B	2.48	0.884	0.748	2.71	1.01	0.148	0.488	2.88	2.83	0.8288	7
8	0.2808	1.31 B	8.47	0.480	1.17	1.84	0.834	0.122	0.380	1.44	2.80	0.4828	8
9	0.2288	1.12 B	4.78 B	0.442	0.808	1.02	0.880	0.120	0.271	1.04	1.78	0.4408	9
10	0.1888	0.8308	2.88 B	1.23	0.874	1.78	0.874	0.114	0.208	0.887	1.42	0.4188	10
11	0.1748	0.8408	8.82 E	1.74	0.878	2.84	0.732	0.087	0.710	0.884	1.18	0.3808	11
12	0.1508	0.7388	3.88	1.30	0.731	1.48	0.808	0.088	0.881	2.04	1.28	0.3588	12
13	0.1308	0.8408	1.72 B	1.01	0.882	1.22	0.831	0.083	0.436	1.28	0.888	0.3488	13
14	0.1178	1.80 B	1.18 B	0.874	0.884	1.10	0.388	0.318	1.71	1.10	1.42	0.3308	14
15	0.1078	2.18 B	0.9488	0.888	0.387	0.748	0.374	0.284	1.78	0.824	2.81	0.3608	15
16	0.0888	3.58 B	0.7208	0.878	0.304	0.888	0.307	0.220	1.08	0.801	1.81	0.5008	16
17	0.0808	8.82 B	0.8888	0.880	0.210	0.418	0.258	0.188	1.00	0.882	1.08	0.8488	17
18	0.0628	8.38 B	0.8058	3.28	0.188	1.30	0.208	0.184	0.888	0.814	2.20	1.00 B	18
19	0.0778	4.20 B	0.4208	2.88	0.178	1.87	0.243	0.184	0.538	0.438	1.82	1.44 B	19
20	0.0728	3.82 B	0.3888	3.18	0.188	1.00	1.28	0.188	0.478	0.378	1.08	0.8908	20
21	0.0888	4.40 B	0.3288	8.82 E	0.123	0.878	0.838	0.141	0.418	0.824	0.928	1.08 B	21
22	0.0828	5.78 B	0.2888	3.30	0.084	0.844	0.708	0.128	0.383	0.508	2.10	1.38 B	22
23	0.0788	3.07 B	0.2608	2.88	0.188	0.781	0.871	0.108	0.334	0.388	1.84	1.88 B	23
24	0.0878	12.8 E	0.2378	1.82	0.288	2.88	0.838	0.088	0.310	0.753	1.17 B	1.13 B	24
25	0.1488	10.1 E	0.2188	0.883	0.213	1.38	0.747	0.087	0.277	0.883	0.818	0.8108	25
26	0.7208	4.20	0.478	0.818	0.300	0.803	1.88	0.078	0.217	0.833	0.883	0.8008	26
27	3.48 B	14.8 E	1.04	0.781	0.248	2.08	1.18	0.088	0.184	0.811	0.800	1.22 B	27
28	3.20 B	13.4 E	3.38	0.578	0.202	2.07	0.888	0.078	0.187	0.877	0.810	1.88 B	28
29	2.80 B	4.78	3.38	0.428	0.144	2.87	0.874	0.077	0.140	0.877	1.48	1.38 B	29
30	1.82 B		2.88	0.388	0.103	3.82	0.438	0.142	0.188	0.882	1.18	1.78 B	30
31	1.87 B		1.88		0.088		0.388	0.312		0.731		1.03 B	31
TOTAL	18.784	118.838	71.832	42.832	17.388	48.874	28.788	5.002	14.318	31.888	47.513	37.738	TOTAL
MEAN	0.808	3.88	2.31	1.42	0.881	1.88	0.888	0.181	0.477	1.03	1.88	0.885	MEAN
MAX	3.88	14.8	8.82	8.82	3.14	3.87	2.80	0.384	1.78	7.44	4.81	1.88	MAX
MIN	0.087	0.738	0.218	0.388	0.084	0.418	0.208	0.083	0.087	0.180	0.488	0.338	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 14.8E ON FEB 27
MINIMUM DAILY, 0.083 ON AUG 13
MAXIMUM INSTANTANEOUS,
15.0E AT 18:57 NST ON FEB 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 08 00 N
LONG 88 37 15 W
DRAINAGE AREA, 28.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 820	JUL	2 310
FEB	10 000	AUG	432
MAR	8 180	SEP	1 240
APR	3 870	OCT	2 780
MAY	1 800	NOV	4 110
JUN	4 280	DEC	2 400

TOTAL DISCHARGE, 40 800 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 8.32 IS DUE TO CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

LITTLE CODROY RIVER NEAR DOYLES - STATION NO. 02ZA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8508	1.608	2.488	17.8	21.8	18.8	7.24	1.87	2.24	4.33	8.08	19.1	1
2	0.8208	1.688	13.0 B	14.8	17.3	11.8	10.2	1.48	1.88	3.73	8.88	13.1	2
3	0.8508	2.088	9.208	12.1	17.8	8.18	10.1	1.34	1.82	3.48	39.8	9.75	3
4	0.8508	3.808	7.808	11.4	28.4	7.58	7.84	1.21	1.82	3.76	18.8	7.008	4
5	1.18 B	2.288	6.308	18.2	30.1	7.07	5.83	1.13	2.88	10.2	13.4	5.808	5
6	1.18 B	2.108	5.308	18.2	31.4	12.8	4.78	1.12	8.08	14.2	10.8	4.708	6
7	1.08 B	1.908	4.408	13.8	27.7	8.88	4.08	1.11	3.25	8.48	11.4	4.008	7
8	1.01 B	1.808	3.808	11.8	18.7	8.85	3.48	1.13	2.71	8.08	18.8	3.508	8
9	0.9408	1.858	3.288	18.8	18.4	8.88	3.82	1.30	2.41	5.78	13.2	3.158	9
10	0.8908	1.808	3.008	34.8	16.2	5.78	3.32	1.28	2.12	8.81	11.1	2.828	10
11	0.8508	1.408	10.0 B	31.2	18.8	5.22	3.00	1.20	3.78	10.8	18.3	2.578	11
12	0.8108	1.228	8.408	18.8	24.8	4.82	2.87	1.13	3.42	15.8	15.8	2.338	12
13	0.7788	1.738	8.008	12.8	23.8	3.88	2.73	1.14	3.09	8.84	10.8	2.208	13
14	0.8208	2.888	5.808	9.31	20.8	3.53	2.37	1.11	28.5	8.04	20.5	2.068	14
15	0.9408	4.408	4.808	7.48	17.3	3.48	2.82	1.08	14.8	8.78	18.7	1.928	15
16	0.8808	5.708	4.108	8.41	13.8	3.24	4.20	1.00	10.5	7.80	13.2	1.808	16
17	0.8408	6.808	3.888	8.73	14.7	3.04	3.10	0.872	8.86	8.58	9.86	1.718	17
18	0.8008	5.008	3.308	8.30	18.0	3.83	2.81	1.01	8.82	8.18	40.8	1.618	18
19	0.7808	4.208	2.888	8.27	16.1	3.73	2.38	1.18	8.21	8.07	22.7	1.528	19
20	0.8708	3.708	2.788	8.80	17.1	3.28	3.02	1.43	8.00	7.84	14.4	1.428	20
21	0.8408	11.0 B	2.488	7.38	18.2	2.98	2.87	1.18	8.22	13.3	8.008	1.808	21
22	0.8208	8.508	2.288	7.48	17.2	2.88	2.41	2.74	8.78	7.81	8.008	2.488	22
23	0.8008	8.508	2.188	8.08	15.8	8.28	2.11	2.88	8.88	8.84	8.008	2.288	23
24	0.7808	8.208	1.908	8.88	13.0	8.18	1.88	2.31	8.12	14.4	4.308	2.088	24
25	0.7308	4.308	1.788	8.24	11.1	8.02	1.84	1.87	4.24	8.78	3.908	1.908	25
26	1.48 B	3.508	1.888	8.33	20.1	4.18	1.88	1.78	3.81	13.4	3.008	1.788	26
27	3.78 B	3.008	8.42	7.28	48.3	8.87	1.82	1.88	3.87	8.04	3.408	1.628	27
28	2.80 B	2.888	31.1	11.8	21.8	8.78	1.47	1.48	3.83	7.32	8.18	1.488	28
29	2.40 B	2.258	28.4	10.3	18.0	13.4	1.42	1.48	4.71	18.3	43.7	1.378	29
30	2.05 B		30.0	18.7	18.8	8.31	1.43	2.18	4.08	18.0	23.8	1.288	30
31	1.48 B		24.7		8.87		1.48	2.83		10.7		1.208	31
TOTAL	38.848	103.88	244.22	382.78	807.77	208.07	108.88	47.412	184.38	267.08	442.27	108.03	TOTAL
MEAN	1.18	3.87	7.88	12.1	18.8	6.97	3.88	1.83	8.48	8.28	14.7	3.48	MEAN
MAX	3.78	11.0	31.1	34.8	48.3	18.8	10.2	3.74	28.8	18.8	43.7	18.1	MAX
MIN	0.738	1.32	1.88	5.80	8.87	2.88	1.42	0.872	1.82	3.48	3.40	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.44
MAXIMUM DAILY, 43.7 ON NOV 28
MINIMUM DAILY, 0.7308 ON JAN 25
MAXIMUM INSTANTANEOUS,
71.8 AT 07:11 NST ON NOV 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 48 19 N
LONG 58 11 40 W
DRAINAGE AREA, 138 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 170	JUL	9 500
FEB	8 850	AUG	4 100
MAR	21 100	SEP	14 200
APR	31 300	OCT	24 400
MAY	52 500	NOV	38 200
JUN	18 100	DEC	9 330

TOTAL DISCHARGE, 238 000 dam³

LITTLE MECATINA RIVER ABOVE LAC FOURMONT - STATION NO. 07XA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.28	21.88	17.08	24.08	20.08	328	184	47.2	24.8	75.3	137	39.08	1
2	32.68	21.68	16.68	23.68	21.88	297	189	46.3	24.4	74.1	124	38.08	2
3	32.18	21.88	16.68	23.38	23.68	274	188	45.2	24.0	73.3	111	37.08	3
4	31.68	21.38	16.78	23.08	24.88	258	189	42.5	23.4	72.9	104	38.08	4
5	31.18	21.18	16.68	22.88	29.88	238	183	40.8	23.8	71.2	103	35.88	5
6	30.88	20.88	16.58	22.38	33.88	232	182	38.8	25.8	89.4	88.4	34.88	6
7	30.08	20.78	16.48	22.08	36.88	234	141	38.8	24.8	88.2	88.8	33.88	7
8	29.88	20.48	16.38	21.88	47.08	234	129	38.4	31.1	85.3	87.1	33.28	8
9	29.48	20.28	16.18	21.88	80.08	234	117	38.8	34.1	82.7	81.8	32.88	9
10	28.88	20.08	16.08	21.28	80.08	230	107	38.7	38.7	80.8	88.7	31.88	10
11	28.48	19.88	16.08	21.08	178 B	218	88.0	39.3	38.3	88.8	88.3	31.28	11
12	28.18	18.78	20.08	20.88	328 B	201	82.8	41.2	38.8	80.4	78.4	30.88	12
13	27.88	18.88	21.88	20.88	418 B	182	88.8	40.8	38.4	78.8	88.8	30.08	13
14	27.28	18.48	22.08	20.28	834	188	80.8	40.8	82.1	75.8	88.2	28.88	14
15	26.88	18.28	21.88	20.08	884	181	78.3	38.7	43.8	78.2	88.8	28.08	15
16	26.88	18.08	21.88	18.88	882	143	78.8	37.4	48.4	78.2	88.7	28.88	16
17	26.28	18.88	21.38	18.88	886	138	78.8	38.8	48.8	78.2	88.4	28.88	17
18	25.88	18.78	21.18	18.38	838	138	78.1	34.4	48.8	72.8	88.4	27.88	18
19	26.88	18.88	20.88	18.18	483	138	74.8	33.8	47.2	71.7	88.4	27.88	19
20	25.28	18.48	20.88	18.88	488	137	71.8	32.8	47.8	78.4	87.2	26.88	20
21	24.88	18.38	20.28	18.88	471	141	88.8	32.8	45.8	84.8	81.2	28.28	21
22	24.78	18.18	20.18	18.88	486	180	86.2	31.3	48.1	108	84.8	25.88	22
23	24.38	18.08	19.88	18.38	483	358	83.3	30.4	48.1	107	82.8	25.48	23
24	24.08	17.88	18.88	18.18	830	328	80.8	28.8	48.8	108	48.8	25.08	24
25	23.88	17.78	18.48	17.88	814	318	88.1	28.8	80.8	107	47.08	24.88	25
26	23.88	17.88	18.88	17.88	482	296	88.4	28.1	88.8	118	46.88	24.88	26
27	23.28	17.88	20.28	17.78	480	278	83.1	27.1	82.8	123	43.88	24.08	27
28	22.88	17.48	21.88	17.88	482	287	80.8	28.8	88.7	148	42.88	23.88	28
29	22.88	17.28	23.08	18.08	484	231	48.0	28.4	73.4	183	41.08	23.38	29
30	22.88		24.88	18.88	422	204	47.8	28.0	78.8	188	40.08	23.18	30
31	22.28		24.18		373		47.4	25.1		148		22.88	31
TOTAL	836.7	550.8	607.8	606.1	10 278.8	8 858	2 835.2	1 083.4	1 284.0	2 784.0	2 234.4	806.4	TOTAL
MEAN	27.0	19.2	19.8	20.2	332	222	94.7	28.3	42.8	89.8	74.5	28.3	MEAN
MAX	33.2	21.8	24.8	24.8	883	328	184	47.2	78.8	188	137	39.0	MAX
MIN	22.2	17.2	16.8	17.8	20.8	137	47.4	25.1	23.4	88.8	40.8	22.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.1
MAXIMUM DAILY, 883 ON MAY 18
MINIMUM DAILY, 16.08 ON MAR 10
MAXIMUM INSTANTANEOUS,
888 AT 03:88 AST ON MAY 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 42 N
LONG 81 18 21 W
DRAINAGE AREA, 4 540 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 300	JUL	284 000
FEB	48 500	AUG	94 500
MAR	52 500	SEP	111 000
APR	52 400	OCT	241 000
MAY	888 000	NOV	193 000
JUN	575 000	DEC	78 500

TOTAL DISCHARGE, 2 880 000 dam³

LITTLE SALMONIER RIVER NEAR NORTH HARBOUR - STATION NO. 02ZK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8408	3.838	12.4	8.17	2.98	0.734	22.8	1.73	0.884	1.37	1.80E	8.34	1
2	0.8408	2.88	14.7	4.74	3.54	2.72	18.8	1.88	0.846	1.44	1.32E	5.80	2
3	0.7808	8.88	14.8	3.86	3.02	4.40	9.08	1.49	0.883	1.83	4.62E	4.33	3
4	0.7208	4.488	10.3	2.81	6.87	5.31	8.08	1.05	0.453	1.09	18.1 E	3.80	4
5	0.8488	3.738	21.7	3.24	7.92	5.89	3.89	0.883	0.431	1.07	8.25E	3.008	5
6	0.8808	8.088	23.8	3.30	5.88	17.8	2.81	0.822	1.84	15.3	3.35E	2.598	6
7	0.4008	4.958	11 8	2.83	3.85	21.0	3.24	0.888	1.83	9.72	5.10E	2.248	7
8	0.7358	3.608	8.68	2.25	8.55	12.4	3.03	0.878	1.81	5.31	17.7 E	1.938	8
9	0.8758	3.088	13.2	2.01	8.48	7.12	8.14	0.728	1.24	3.43	10.1 E	1.748	9
10	0.8358	2.488	11.2	7.88	5.84	5.80	5.28	0.848	0.884	3.43	6.68E	1.598	10
11	0.8608	2.088	27.8	17.1	8.39	11.8	3.80	0.882	3.07	2.98	3.35E	1.488	11
12	0.8608	1.738	31.8	11.8	8.18	8.28	2.74	0.896	4.27	11.7	4.88E	1.388	12
13	0.8308	1.478	14.0	8.11	3.52	6.88	2.87	0.498	2.80	7.28A	3.68E	1.248	13
14	0.8408	3.208	7.44	8.77	3.75	3.83	2.84	0.836	2.48	4.00E	2.78E	1.188	14
15	0.8708	8.858	4.77	7.03	2.80	2.77	2.30	1.80	4.84	2.80E	14.1 A	2.008	15
16	0.8808	21.0 B	3.86	7.23	2.41	2.14	2.13	1.87	3.78	3.19E	9.87	3.108	16
17	0.8308	70.0 B	3.83	5.21	1.78	1.81	1.77	1.20	3.12	2.87E	8.28	4.208	17
18	0.7808	48.4	2.34	3.88	1.48	4.43	1.51	1.08	3.47	2.52E	8.38	3.858	18
19	0.8858	30.4	2.87	3.38	1.27	15.1	1.89	1.28	2.82	2.23E	8.88	4.828	19
20	0.8358	18.3	3.40	2.84	1.18	9.28	3.38	1.18	2.10	2.08E	8.18	4.108	20
21	0.8088	17.8	3.38	12.8	1.08	5.78	4.05	0.883	1.84	2.22E	3.88	4.888	21
22	0.8888	22.2	3.08	12.0	0.971	3.73	3.18	0.852	1.70	2.48E	5.81	5.228	22
23	0.8278	13.4	2.45	8.21	0.888	2.82	6.05	0.833	1.83	2.28E	4.78	5.388	23
24	0.4818	18.3	3.06	5.38	0.784	3.58	3.88	0.888	1.42	2.08E	2.81	4.228	24
25	0.4808	71.7 E	1.88	3.83	0.849	3.88	3.22	0.888	1.24	1.82E	2.88	3.508	25
26	2.00 B	36.7	1.71	3.21	0.881	2.88	5.17	0.818	1.21	2.07E	2.87	2.878	26
27	12.3 B	27.8	1.76	2.83	0.830	7.58	4.33	0.888	0.738	2.88E	3.88	2.428	27
28	10.3	48.1	8.40	3.01	0.888	8.89	3.28	0.811	0.844	2.31E	8.82	2.178	28
29	8.88	27.4	13.8	1.84	0.700	7.48	2.85	0.497	0.773	2.02E	11.4	2.728	29
30	5.35 B		11.8	1.44	0.888	41.4	2.30	0.533	1.18	1.80E	10.0	3.888	30
31	4.22 B		8.51		0.840		1.94	0.886		1.85E		3.188	31
TOTAL	88.812	502.07	388.88	183.78	81.438	238.284	182.12	28.883	84.897	108.81	194.07	101.88	TOTAL
MEAN	1.80	17.3	8.88	5.48	2.88	7.88	4.81	0.821	1.83	3.80	8.47	3.28	MEAN
MAX	12.3	71.7	31.8	17.1	8.48	41.4	22.8	1.80	4.84	18.3	17.7	8.34	MAX
MIN	0.480	1.47	1.71	1.44	0.840	0.724	1.51	0.497	0.431	1.07	1.32	1.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.44
MAXIMUM DAILY, 71.7E ON FEB 25
MINIMUM DAILY, 0.431 ON SEP 5
MAXIMUM INSTANTANEOUS,
180E AT 14:12 NST ON FEB 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 15 N
LONG 53 44 00 W
DRAINAGE AREA, 104 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 080	JUL	13 100
FEB	43 400	AUG	2 470
MAR	25 000	SEP	4 740
APR	14 200	OCT	9 380
MAY	7 800	NOV	18 800
JUN	20 400	DEC	8 800

TOTAL DISCHARGE, 172 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 84.6 IS DUE TO CURVE EXTENSION

LLOYDS RIVER BELOW KING GEORGE IV LAKE - STATION NO. 02YN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.438	4.838	18.0 B	58.2	80.8	34.3	27.8	8.47	8.18	11.8	18.8	87.3	1
2	8.308	4.788	20.0 B	54.0	70.0	47.3	28.7	8.17	8.77	11.8	18.1	84.0	2
3	8.108	4.708	27.0 B	48.8	87.8	48.3	30.4	4.81	8.28	11.5	28.8	42.7	3
4	8.888	4.808	33.8 B	44.4	88.8	41.8	29.7	4.43	4.88	11.1	48.3	32.3	4
5	8.808	8.108	38.0 B	40.7	78.3	38.8	28.8	3.88	4.78	11.8	48.1	27.0	5
6	8.858	8.788	33.8 B	38.8	84.4	38.2	22.4	4.01	4.83	28.3	42.3	23.8	6
7	8.508	8.608	28.8 B	38.8	112	38.8	18.8	3.83	4.84	33.8	38.8	18.8	7
8	8.388	8.508	24.8 B	38.8	108	34.8	18.1	3.88	4.48	32.2	33.8	18.8	8
9	8.258	8.388	20.8 B	38.8	98.8	30.3	14.8	4.05	4.18	28.8	30.4	13.8	9
10	8.108	8.258	18.8 B	43.8	94.2	28.8	13.1	4.22	4.03	25.8	28.3	12.8 B	10
11	4.888	8.188	17.8 B	88.2	87.8	23.4	11.8	4.88	4.34	23.8	28.7	11.8 B	11
12	4.858	8.008	26.3	84.4	117	19.8	11.2	3.82	4.88	23.7	33.1	11.8 B	12
13	4.758	4.808	38.7	88.1	131	18.4	11.3	3.88	5.88	22.3	33.8	18.8 B	13
14	4.888	4.808	32.1	45.8	138	14.8	11.2	3.33	8.88	20.8	31.2	18.8 B	14
15	8.888	4.708	28.8	38.8	114	13.8	18.8	3.22	18.3	18.3	32.1	8.888	15
16	8.408	4.858	28.1	28.7	87.8	11.8	8.83	3.88	13.8	18.8	33.2	8.108	16
17	8.308	4.858	21.8 B	24.2	83.2	18.8	8.24	2.84	18.8	16.8	31.2	8.708	17
18	8.208	4.488	18.8 B	23.8	82.1	18.3	8.87	4.28	18.8	14.3	27.1	8.408	18
19	8.108	4.408	17.8 B	23.1	82.8	18.8	8.88	8.38	18.8	13.2	88.1	8.108	19
20	4.988	4.388	18.8 B	20.8	78.4	18.7	8.11	7.28	14.2	12.4	83.8	7.908	20
21	4.808	4.208	13.3 B	18.8	78.2	18.8	8.48	7.13	13.3	14.4	42.8	8.008	21
22	4.638	4.108	12.8 B	20.8	78.8	8.33	8.41	7.87	12.8	18.8	34.8	8.708	22
23	4.788	4.408	11.8 B	20.3	71.8	8.11	7.88	8.88	12.8	18.8	27.8	8.208	23
24	4.708	4.808	10.2 B	18.8	83.7	8.78	7.84	8.28	11.7	22.2	23.3	8.008	24
25	4.808	4.908	8.488	18.8	88.8	8.33	8.87	8.88	11.3	28.8	21.8	7.708	25
26	4.608	8.308	8.78	18.8	80.4	7.88	8.48	8.48	11.8	28.8	18.3	7.408	26
27	8.208	8.008	7.84	20.8	88.4	8.81	8.18	7.81	10.8	26.4	17.8	7.188	27
28	8.108	7.008	8.81	28.8	81.7	11.8	8.82	7.82	10.2	23.4	18.4	8.958	28
29	8.008	10.8 B	18.8	30.8	84.2	21.3	8.71	8.88	10.8	21.8	38.7	8.758	29
30	4.988		34.7	48.8	48.2	27.2	8.82	8.48	11.3	18.8	72.8	8.858	30
31	4.888		80.1		38.8		8.80	8.37		18.8		8.408	31
TOTAL	181.43	148.43	877.13	1 081.7	2 807.3	833.14	480.83	171.88	288.87	818.1	1 810.7	488.93	TOTAL
MEAN	8.21	8.18	21.8	36.4	80.8	21.1	12.8	8.82	8.88	18.8	33.7	15.7	MEAN
MAX	8.43	10.8	80.1	84.4	131	48.3	30.4	8.28	18.8	33.8	72.8	87.3	MAX
MIN	4.80	4.10	7.84	18.8	38.8	7.88	8.80	2.84	4.03	11.1	18.1	8.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.3
MAXIMUM DAILY, 131 ON MAY 13
MINIMUM DAILY, 2.84 ON AUG 17
MAXIMUM INSTANTANEOUS,
133 AT 13:04 NST ON MAY 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 14 32 N
LONG 57 48 41 W
DRAINAGE AREA, 489 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 900	JUL	34 600
FEB	13 800	AUG	14 800
MAR	88 500	SEP	23 300
APR	91 700	OCT	83 200
MAY	217 000	NOV	87 300
JUN	84 700	DEC	42 000

TOTAL DISCHARGE, 704 000 dam³

NEWFOUNDLAND AND LABRADOR

MAIN RIVER AT PARADISE POOL - STATION NO. 02YG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.85B	3.40B	11.0B	87.7	35.0	76.3A	33.5 E	3.85	5.10E	13.5	18.8E	87.0 E	1
2	5.80B	3.50B	13.8B	88.6	30.4	70.0E	37.0 E	3.93	4.75E	13.1	16.9E	58.0 E	2
3	5.70B	3.40B	22.5B	81.7	24.5	63.0E	31.5 E	5.10	4.40E	30.3	32.0E	45.0 E	3
4	5.50B	3.95B	23.5B	39.6	20.9	59.0E	27.0 E	4.01	4.15E	33.0	60.8E	36.5 E	4
5	5.40B	3.90B	23.0B	31.7	28.1	55.0E	24.0 E	3.62	3.80E	23.5	75.0E	30.0 E	5
6	5.35B	3.60B	20.0B	28.4	33.4	88.0E	22.0 E	3.51	3.70E	25.5	57.0E	24.5 E	6
7	5.20B	3.70B	16.5B	22.8	46.0	86.0E	19.5 E	3.22	3.50E	36.5	47.0E	21.0 B	7
8	5.10B	3.85B	17.2B	21.0	50.9	76.0E	17.5 E	3.02	3.30E	35.4	38.5E	18.0 B	8
9	5.00B	3.80B	18.0B	22.0	55.3	67.0E	16.0 E	3.23A	3.20E	27.5	34.5E	18.0 B	9
10	4.85B	3.50B	14.5B	26.5	78.5	61.0E	15.0 E	3.75E	3.10E	25.4	30.5E	14.3 B	10
11	4.75B	3.45B	14.5B	32.3	126	55.0E	13.5 E	5.20E	4.00E	32.2	33.0E	12.9 B	11
12	4.70B	3.40B	18.0B	27.5	184	50.0E	12.5 E	8.40E	8.00E	35.2	54.5E	11.5 B	12
13	4.60B	3.30B	18.0B	22.5	227	48.0E	11.4 E	10.5 E	8.40E	30.4	49.0E	10.5 B	13
14	4.85B	3.25B	18.3B	19.2	213	42.0E	18.0 E	9.80E	12.0 E	26.8	41.0E	10.2 B	14
15	4.85B	3.15B	16.8B	16.7	191	38.0E	16.0 E	8.80E	17.5 E	25.5	30.0E	9.80B	15
16	4.85B	3.10B	17.8B	14.9	127	35.5E	13.0 E	8.00E	20.5 E	24.2	25.5E	9.30B	16
17	5.00B	3.05B	18.8B	13.2	123	33.5E	11.5 E	7.80E	16.5 E	20.0	23.0E	8.80B	17
18	4.85B	2.85B	15.8B	13.1	260	31.5E	10.4 A	7.20E	13.5 E	18.6	25.0E	8.60B	18
19	4.70B	2.80B	15.0B	12.6	258	28.0E	9.01	7.00E	11.3 A	18.7	32.5E	8.30B	19
20	4.55B	2.85B	14.2B	11.5	221	27.0E	8.01	7.80E	9.87	14.7	41.5E	10.0 B	20
21	4.42B	3.10B	13.3B	10.6	302	25.5E	7.34	8.80E	8.83	18.2	35.0E	11.6 B	21
22	4.30B	3.30B	13.0B	11.8	284	23.5E	6.50	9.80E	8.05	17.0A	30.0E	11.0 B	22
23	4.20B	3.80B	12.4B	10.8	201	22.5E	5.73	11.2 E	7.45	17.5E	25.0E	10.5 B	23
24	4.05B	4.00B	11.8B	10.2	214	21.0E	5.15	10.0 E	7.00	18.0E	21.5E	9.60B	24
25	3.85B	4.80B	11.8B	9.77	180	20.0E	5.02	9.20E	8.22	17.9E	18.0B	9.30B	25
26	3.85B	5.40B	12.9B	9.78	185	18.8E	4.87	8.20E	10.8	17.8E	16.0B	8.80B	26
27	3.75B	5.20B	16.3	10.5	174	17.8E	4.21	7.80E	11.2	17.5E	14.3B	8.40B	27
28	3.85B	7.00B	45.6	12.3	171	17.0E	3.87	7.00E	13.1	17.0E	13.0B	8.00B	28
29	3.50B	7.80B	87.7	16.7	184	16.0E	3.75	8.80E	15.8	17.7E	26.0E	7.60B	29
30	3.43B		124	27.3	122	26.5E	3.86	9.10E	18.0	18.8E	82.0E	7.20B	30
31	3.38B		113		90.5		3.63	9.60E		20.5E		6.80B	31
TOTAL	143.80	113.20	517.1	709.85	4 448.9	1 276.7	420.24	205.12	285.22	707.2	1 068.2	527.00	TOTAL
MEAN	4.64	3.90	26.4	23.7	144	42.6	13.6	6.62	8.84	22.8	35.6	17.0	MEAN
MAX	5.85	7.80	124	87.7	302	86.0	37.0	11.2	20.5	36.8	82.0	87.0	MAX
MIN	3.35	2.80	11.0	9.77	20.9	18.0	3.63	3.02	3.10	13.1	13.0	6.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.3
MAXIMUM DAILY, 302 ON MAY 21
MINIMUM DAILY, 2.80B ON FEB 19
MAXIMUM INSTANTANEOUS,
378 AT 00:02 NST ON MAY 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 48 N
LONG 57 08 24 W
DRAINAGE AREA, 627 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 400	JUL	38 300
FEB	8 780	AUG	17 700
MAR	70 600	SEP	22 800
APR	81 300	OCT	61 100
MAY	384 000	NOV	92 400
JUN	110 000	DEC	45 500

TOTAL DISCHARGE, 924 000 dam³

MIDDLE ARM BROOK BELOW FLATWATER POND - STATION NO. 02YG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.79B	1.05 B	11.4 B	22.7	13.4	17.1	3.30	1.22	0.252	1.18	2.88	5.81	1
2	1.72B	1.05 B	10.8 B	23.9	18.0	15.7	3.80	1.23	0.234	1.42	2.55	6.50	2
3	1.68B	1.03 B	11.4	23.2	15.8	18.0	4.28	1.19	0.198	1.88	2.79	6.77	3
4	1.63B	1.00 B	12.4	21.3	16.8	20.8	4.68	1.07	0.178	1.80	2.91	6.63	4
5	1.58B	0.980B	12.3	18.8	17.1	23.2	5.46	0.898	0.171	2.11	3.18	6.84	5
6	1.53B	0.980B	13.8 E	18.7	19.2	24.4	5.86	0.830	0.185	2.07	3.51	6.98	6
7	1.50B	0.940B	15.5	19.2	21.4	28.5	5.36	0.773	0.172	4.21	4.10	6.84	7
8	1.47B	0.920B	13.4	14.2	33.1	27.5	5.26	0.717	0.142	5.68	4.88	6.35	8
9	1.42B	0.900B	8.84	13.3	24.9	27.3	4.71	0.884	0.120	6.87	5.42	6.85	9
10	1.38B	0.880B	7.84	13.9	39.3	24.7	4.62	0.703	0.138	7.67	5.84	4.61	10
11	1.38B	0.870B	7.43	12.9	38.0	20.6	3.95	0.784	0.342	7.82	6.41	4.21	11
12	1.30B	0.850B	7.76	13.4	56.8E	17.7	3.86	0.886	0.347	7.87	6.98	4.61	12
13	1.42B	0.830B	7.86	13.6	74.8E	14.8	3.95	0.834	0.328	7.14	7.20	3.98	13
14	1.78B	0.810B	8.45	13.7	83.8E	13.1	3.67	0.897	0.352	7.55	7.33	3.25B	14
15	1.70B	0.785B	8.32	12.8	83.3E	10.2	3.44	0.861	0.414	7.87	7.82	3.00B	15
16	1.60B	0.760B	8.58	11.7	76.4E	9.00	3.28	0.480	0.404	8.08	7.84	2.70B	16
17	1.60B	0.765B	8.76	10.4	68.7E	7.81	3.05	0.458	0.413	8.03	7.80	2.40B	17
18	1.55B	0.740B	7.68	8.80	60.0E	6.78	2.95	0.470	0.428	7.81	7.70	2.25B	18
19	1.50B	0.730B	7.27	9.01	51.8E	5.90	2.78	0.481	0.481	7.01	7.61	2.05B	19
20	1.48B	0.720B	8.94	8.38	60.8E	5.38	2.86	0.483	0.481	8.81	7.44	1.88B	20
21	1.42B	1.04 B	8.38	8.04	64.5E	4.85	2.49	0.483	0.558	8.10	7.17	1.94B	21
22	1.40B	1.00 B	8.63	7.72	47.2E	4.31	2.38	0.427	0.614	8.67	6.76	2.02B	22
23	1.36B	0.870B	8.72	7.48	44.8E	3.78	2.15	0.408	0.681	8.10	8.25	1.68B	23
24	1.32B	0.840B	8.01	7.44	42.1E	3.38	1.86	0.388	0.721	4.72	8.82	1.78B	24
25	1.30B	0.920B	6.84	7.48	38.0	3.03	1.78	0.387	0.730	4.84	8.70	1.68B	25
26	1.26B	0.880B	6.21	7.34	32.4	2.73	1.85	0.320	0.735	4.36	8.25	1.53B	26
27	1.22B	1.60 B	3.87	7.83	28.5	2.42	1.80	0.342	0.771	3.81	8.81	1.42B	27
28	1.18B	3.50 B	5.14	8.84	27.2	2.30	1.49	0.348	0.818	3.70	8.84	1.32B	28
29	1.16B	12.0 B	7.20	8.68	24.8	2.28	1.38	0.338	0.884	3.43	8.51	1.28B	29
30	1.12B		12.0	11.2	22.4	3.07	1.31	0.276	1.10	3.14	8.88	1.17B	30
31	1.10B		16.5		19.8		1.29	0.240		2.86		1.10B	31
TOTAL	44.82	40.880	276.10	380.83	1 237.7	365.62	98.69	16.826	13.459	158.40	189.70	105.81	TOTAL
MEAN	1.45	1.40	8.91	12.7	39.9	12.2	3.22	0.807	0.449	5.11	6.88	3.40	MEAN
MAX	1.79	12.0	16.5	23.9	83.3	37.5	5.86	1.23	1.10	8.08	7.80	6.83	MAX
MIN	1.10	0.720	3.87	7.34	13.4	2.28	1.29	0.240	0.120	1.18	2.55	1.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.85
MAXIMUM DAILY, 83.3E ON MAY 15
MINIMUM DAILY, 0.120 ON SEP 9
MAXIMUM INSTANTANEOUS,
84.3E AT 14:38 NST ON MAY 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 22 N
LONG 55 20 33 W
DRAINAGE AREA, 224 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 870	JUL	8 610
FEB	3 620	AUG	1 630
MAR	23 800	SEP	1 160
APR	32 900	OCT	13 700
MAY	107 000	NOV	14 700
JUN	31 600	DEC	9 130

TOTAL DISCHARGE, 252 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 40.2 IS DUE TO CURVE EXTENSION

MIDDLE BROOK NEAR GAMBO - STATION NO. 02YR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.908	2.808	13.0	21.2	18.1	7.87	7.88	1.48	0.568	0.584	1.34	5.40	1
2	4.708	2.808	16.0	22.1	18.8	8.38	7.48	1.48	0.507	0.646	1.28	5.83	2
3	4.858	2.828	16.7	21.0	18.7	8.04	7.84	1.38	0.423	0.857	1.44	5.77	3
4	4.408	2.728	17.5	18.8	20.1	8.88	7.82	1.18	0.377	0.848	1.88	5.82	4
5	4.288	2.828	16.8	19.1	20.2	10.3	6.88	1.08	0.388	0.883	1.74	6.08	5
6	4.108	2.628	16.6	18.1	19.8	11.8	6.73	0.874	0.382	0.783	1.76	6.22	6
7	4.008	2.488	16.2	17.2	19.0	13.0	6.47	0.840	0.388	0.880	2.17	6.62	7
8	3.858	2.388	17.8	16.3	18.8	12.8	6.04	0.888	0.388	0.852	2.40	6.358	8
9	3.728	2.328	17.2	15.0	18.3	12.8	5.73	0.848	0.343	0.828	2.55	6.028	9
10	3.808	2.278	18.3	16.2	17.4	12.7	5.35	0.880	0.313	0.884	2.83	4.808	10
11	3.508	2.188	18.5	15.0	15.8	14.2	4.98	0.842	0.382	0.878	2.88	4.888	11
12	3.408	2.118	18.1	19.0	15.6	14.0	4.63	0.627	0.378	0.886	3.05	4.388	12
13	3.318	2.058	14.7	20.1	16.0	13.6	4.62	0.807	0.348	0.813	3.00	4.188	13
14	3.208	1.988	14.3	18.9	15.2	13.6	4.27	0.770	0.381	0.888	2.94	3.808	14
15	3.118	1.968	13.5	19.4	15.0	11.8	3.86	0.770	0.385	1.03	3.14	4.408	15
16	3.038	2.888	12.5 B	18.5	14.4	11.3	3.68	0.880	0.388	1.08	3.30	5.14	16
17	2.958	3.458	12.0 B	17.6	13.8	10.4	3.38	0.858	0.378	1.03	3.25	5.81	17
18	2.888	3.158	11.3 B	17.0	13.2	10.1	3.20	0.831	0.388	1.03	3.25	5.47	18
19	2.808	3.008	10.9 B	16.5	12.6	10.1	2.98	0.844	0.383	1.00	3.35	5.12	19
20	2.728	3.408	10.5 B	18.2	12.1	9.48	2.88	0.842	0.347	1.03	3.37	4.808	20
21	2.858	3.808	9.808	18.4	11.8	8.83	2.87	0.814	0.424	1.11	3.17	4.888	21
22	2.598	3.408	9.408	19.7	11.3	8.81	2.85	0.718	0.880	1.12	3.088	4.278	22
23	2.518	3.208	9.108	20.8	11.0	8.18	2.38	0.718	0.672	1.11	2.938	4.088	23
24	2.488	3.008	8.708	20.8	10.7	7.87	2.28	0.724	0.837	1.11	2.808	3.878	24
25	2.388	3.008	8.48	18.9	10.1	7.38	2.14	0.868	0.818	1.16	2.888	3.708	25
26	2.758	5.28	7.88	19.2	9.88	8.87	1.88	0.838	0.474	1.28	3.088	3.888	26
27	3.208	3.78	7.92	18.2	9.83	8.80	1.73	0.822	0.484	1.35	3.808	3.388	27
28	3.008	8.51	8.08	17.1	9.24	8.55	1.88	0.828	0.437	1.38	3.888	3.278	28
29	2.858	10.5	11.5	18.4	8.87	8.59	1.71	0.811	0.817	1.35	4.78	3.128	29
30	2.758		15.8	18.9	8.38	7.48	1.82	0.588	0.872	1.32	5.30	3.028	30
31	2.888		19.0		7.78		1.82	0.857		1.38		2.938	31
TOTAL	102.81	88.84	415.85	555.5	443.80	301.00	128.87	25.802	12.737	30.437	88.88	143.12	TOTAL
MEAN	3.32	3.43	13.4	18.5	14.3	10.0	4.18	0.832	0.425	0.982	2.87	4.82	MEAN
MAX	4.80	10.5	19.0	22.1	20.2	14.2	7.84	1.48	0.872	1.38	5.30	8.23	MAX
MIN	2.38	1.94	7.82	18.8	7.78	8.88	1.82	0.857	0.313	0.848	1.28	2.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.41
MAXIMUM DAILY, 22.1 ON APR 2
MINIMUM DAILY, 0.313 ON SEP 10
MAXIMUM INSTANTANEOUS,
22.3 AT 10:15 NST ON APR 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 28 N
LONG 54 12 28 W
DRAINAGE AREA, 387 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 880	JUL	11 100
FEB	8 000	AUG	3 230
MAR	35 800	SEP	1 100
APR	48 000	OCT	2 630
MAY	38 400	NOV	7 430
JUN	26 000	DEC	12 400

TOTAL DISCHARGE, 203 000 dam³

MINIPI RIVER BELOW MINIPI LAKE - STATION NO. 03OE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.58	20.08	18.48	18.88	14.88	2208	142	47.4	23.8	21.8	53.8	37.88	1
2	28.08	18.88	18.38	18.18	15.38	2188	162	43.3	21.1	23.2	85.0	38.88	2
3	26.88	18.68	18.18	18.08	16.88	2088	141	42.0	21.3	22.4	87.8	36.88	3
4	26.08	18.88	18.08	18.88	18.38	2018	139	44.1	21.0	21.3	88.0	36.08	4
5	27.78	18.28	14.88	18.88	20.88	1988	136	38.3	22.2	22.2	87.8	34.38	5
6	27.38	18.08	14.88	18.78	24.08	1808	130	40.2	22.8	23.0	88.3	33.88	6
7	27.08	18.88	14.78	18.88	28.88	1878	127	40.8	18.8	23.2	80.1	32.88	7
8	26.78	18.88	14.88	18.88	33.88	1808	124	40.1	18.8	22.8	88.1	32.08	8
9	26.38	18.88	14.88	18.38	40.08	1758	118	38.8	20.0	23.7	88.8	31.88	9
10	26.08	18.48	14.88	18.28	87.08	1888	114	38.8	20.2	24.3	88.4	30.88	10
11	25.88	18.28	14.88	18.08	88.08	180A	114	38.0	18.2	24.8	88.8	30.08	11
12	25.38	18.08	15.28	14.88	100 B	182	107	38.0	18.3	28.7	81.8	28.88	12
13	25.08	17.88	15.58	14.88	128 B	148	103	34.8	18.8	28.3	82.8	28.08	13
14	24.88	17.78	15.88	14.88	150 B	144	102	34.8	20.8	28.8	84.8	28.38	14
15	24.38	17.88	15.08	14.78	180 E	138	88.8	34.1	18.8	28.3	82.4	27.88	15
16	24.08	17.38	18.18	14.88	180 E	135	88.8	33.3	18.3	28.2	81.2	27.38	16
17	23.88	17.28	18.18	14.58	183 E	132	88.8	33.0	18.2	28.8	82.8	26.88	17
18	23.58	17.08	18.08	14.48	187 E	128	84.8	31.4	18.2	31.0	82.4	26.28	18
19	23.38	16.88	15.88	14.38	200 E	122	81.1	28.8	18.4	32.7	48.8	25.58	19
20	23.08	16.88	15.88	14.18	208 E	118	78.3	28.8	18.1	34.1	47.0	25.08	20
21	22.78	16.78	15.78	14.08	208 E	118	75.4	28.2	18.0	38.0	51.08	24.88	21
22	22.88	16.48	15.58	13.88	215 E	121	73.4	28.2	18.3	38.3	48.08	24.28	22
23	22.28	16.38	15.28	13.88	220 E	138	87.8	27.8	17.7	41.2	47.58	23.88	23
24	22.08	16.28	15.08	13.78	225 E	135	88.8	27.5	18.8	44.8	46.08	23.28	24
25	21.78	16.08	14.88	13.88	228 E	128	86.3	27.0	17.7	47.1	44.58	23.08	25
26	21.48	15.88	14.78	13.58	225 E	141	83.3	27.4	18.7	48.8	43.08	22.88	26
27	21.38	15.88	14.58	13.48	228 E	143	88.8	27.0	21.8	50.8	41.58	22.28	27
28	21.08	15.78	14.78	13.48	227 E	144	88.8	28.8	21.8	51.8	40.88	21.88	28
29	20.88	15.88	14.88	13.58	230 E	145	84.4	24.8	21.3	85.8	38.88	21.58	29
30	20.88		15.38	13.78	231 E	144	81.8	23.8	20.8	53.4	38.08	21.08	30
31	20.38		15.58		227 E		48.4	22.8		53.8		20.88	31
TOTAL	754.8	511.2	472.3	439.7	4 318.2	4 880	2 928.8	1 038.8	602.2	1 048.0	1 534.2	884.2	TOTAL
MEAN	24.3	17.8	15.2	14.7	139	188	84.8	33.4	20.1	33.7	51.1	27.8	MEAN
MAX	29.8	20.8	18.1	18.1	231	220	142	47.4	23.8	88.8	88.1	37.8	MAX
MIN	20.3	15.8	14.8	13.4	14.8	118	48.4	22.8	17.7	21.3	38.8	20.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.8
MAXIMUM DAILY, 2318 ON MAY 30
MINIMUM DAILY, 13.48 ON APR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 52 N
LONG 61 11 11 W
DRAINAGE AREA, 2 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	65 200	JUL	284 000
FEB	44 300	AUG	89 600
MAR	40 800	SEP	52 000
APR	38 000	OCT	80 400
MAY	273 000	NOV	133 000
JUN	404 000	DEC	74 700

TOTAL DISCHARGE, 1 880 000 dam³

MOBILE RIVER AT MOBILE FIRST POND - STATION NO. 02ZM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.38	3.81	10.4	5.13	5.52	5.88	9.00	5.81	2.83	5.48	4.83	7.02	1
2	4.83	5.48	10.4	4.84	5.37	7.33	10.5	5.23	4.38	5.13	5.84	7.08	2
3	4.42	3.08	10.5	5.28	5.08	3.11	10.0	7.18	4.82	4.78	7.82	5.72	3
4	3.85	5.78	10.4	5.00	11.7	10.4	3.88	4.38	4.78	3.88	10.4	4.70	4
5	5.07	5.48	8.47	5.88	10.5	10.5	4.08	5.08	5.81	4.30	5.07	5.41	5
6	3.34	4.84	10.6	5.43	5.00	5.32	4.08	5.48	5.08	7.14	5.88	4.18	6
7	---	3.74	5.48	5.00	5.08	3.82	7.52	5.81	4.73	5.81	5.84	5.48	7
8	4.58	1.87	7.78	5.81	7.33	3.78	4.07	7.18	3.48	4.45	5.88	7.78	8
9	3.89	2.87	11.5	5.88	5.20	4.47	10.5	5.18	2.81	4.81	5.48	5.82	9
10	3.86	3.88	11.0	5.08	5.82	4.86	10.4	3.00	10.5	4.78	3.88	5.88	10
11	4.86	3.40	5.43	10.5	5.87	10.5	5.84	5.27	5.08	4.87	5.17	5.78	11
12	4.22	4.87	10.5	10.6	5.37	---	5.15	5.24	5.72	7.31	5.58	4.80	12
13	---	4.38	7.78	10.7	5.12	5.87	3.71	5.21	3.82	5.23	5.84	5.34	13
14	---	4.13	5.84	7.87	5.58	10.4	4.45	5.66	4.83	5.32	4.83	5.20	14
15	5.18	5.38	7.08	5.84	5.87	3.80	4.47	5.88	2.84	4.28	5.80	7.22	15
16	2.21	3.88	4.88	5.47	5.24	7.22	10.5	4.45	5.85	5.63	5.08	5.28	16
17	2.02	10.2	5.34	7.89	5.44	4.11	7.82	5.35	5.48	4.38	5.00	4.78	17
18	3.84	10.8	5.03	5.44	5.58	10.5	5.48	5.98	5.62	4.73	4.84	5.38	18
19	2.37	10.6	5.80	5.14	3.71	10.4	4.82	5.71	5.08	4.84	5.18	5.08	19
20	4.08	7.22	7.78	5.87	5.08	4.05	5.26	5.21	4.78	4.78	5.18	5.35	20
21	3.17	5.84	5.88	10.5	5.76	4.80	3.40	5.03	2.82	5.30	4.22	5.21	21
22	3.37	10.5	5.37	10.2	5.85	4.28	5.82	5.78	3.74	5.21	5.34	5.87	22
23	3.23	7.18	5.26	5.80	5.82	5.03	5.00	5.52	4.45	5.12	5.41	10.0	23
24	3.22	7.18	5.71	10.5	4.84	3.71	7.48	5.27	5.08	5.20	5.12	5.08	24
25	2.48	12.1	5.88	5.26	5.85	10.4	7.53	5.00	5.87	5.04	4.73	5.03	25
26	4.78	11.5	5.82	5.17	5.31	10.5	5.18	5.03	4.28	3.48	5.84	5.78	26
27	7.18	11.5	5.14	5.03	5.00	10.4	5.84	4.82	4.82	5.18	5.87	5.26	27
28	4.18	12.1	5.85	5.80	5.84	3.80	5.23	---	3.84	4.84	3.37	4.73	28
29	3.87	11.2	5.08	5.23	---	2.51	5.40	---	4.81	5.44	5.81	5.38	29
30	3.17		10.6	5.40	5.81	4.19	7.14	---	10.5	5.35	5.81	5.68	30
31	3.40		5.68		5.20		5.52	2.15		4.45		5.56	31
TOTAL	---	184.68	248.09	215.11	---	---	207.07	---	151.35	171.20	174.18	188.17	TOTAL
MEAN	---	5.72	8.03	7.17	---	---	5.68	---	5.05	5.52	5.61	6.07	MEAN
MAX	---	12.1	11.5	10.7	---	---	10.5	---	10.5	9.81	10.4	10.0	MAX
MIN	---	1.87	4.88	4.84	---	---	3.40	---	2.81	3.48	3.37	4.18	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 12.1 ON FEB 25
MINIMUM DAILY, 1.87 ON FEB 6

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 14 58 N
LONG 52 53 20 W
DRAINAGE AREA, 112 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17 800
FEB	18 600	AUG	---
MAR	21 500	SEP	13 100
APR	18 600	OCT	14 800
MAY	---	NOV	15 000
JUN	---	DEC	16 300

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

NASKAUPI RIVER BELOW NASKAUPI LAKE - STATION NO. 03PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.38	27.58	24.38	27.08	23.78	264	192	84.1	57.3	131	83.4	53.08	1
2	30.88	27.38	24.28	26.88	23.78	258	183	84.0	57.1	136	81.3	52.08	2
3	30.38	27.18	24.18	26.88	23.88	255	178	80.0	58.0	136	82.1	51.08	3
4	30.08	27.08	24.18	26.88	23.88	241	176	74.8	34.8	135	83.0	50.08	4
5	34.88	26.88	24.08	26.88	23.48	238	168	74.8	33.4	128	82.2	49.08	5
6	34.18	26.88	24.08	26.28	23.58	218	185	88.7	36.8	124	78.4	48.58	6
7	33.88	26.68	23.88	26.18	37.08	218A	167	87.1	36.5	118	77.8	48.08	7
8	33.68	26.48	23.88	26.08	31.68	213	160	84.5	37.7	118	77.8	47.58	8
9	33.18	26.38	23.68	25.88	36.58	210	144	84.0	37.3	108	76.3	46.58	9
10	32.98	26.28	23.68	25.78	43.08	208	137	80.8	38.8	104	76.0	46.08	10
11	32.48	26.18	25.58	25.88	50.08	208	138	88.8	40.2	98.8	75.8	45.58	11
12	32.08	26.08	26.08	26.58	64.08	215	140	88.8	40.2	88.9	76.4	44.58	12
13	31.88	25.88	33.08	25.38	63.08	217	140	86.7	38.4	86.3	74.8	44.08	13
14	31.68	25.68	31.88	25.28	188	214	138	84.8	42.2	82.8	72.8	43.58	14
15	31.18	25.78	31.28	26.08	182	212	142	83.0	46.4	80.8	73.4	43.08	15
16	30.88	25.68	31.08	24.88	208	207	143	82.0	47.5	87.8	72.8	42.58	16
17	30.68	25.48	30.58	24.68	232	202	140	88.8	48.8	84.4	71.2	42.08	17
18	30.38	25.38	30.38	24.78	248	197	138	89.8	48.1	81.4	72.3	41.58	18
19	30.08	25.28	30.08	24.88	258	190	132	88.2	51.0	78.5	73.1	41.08	19
20	29.98	25.18	29.68	24.88	273	183	126	86.7	52.1	78.4	87.08	40.58	20
21	29.68	25.08	29.68	24.58	288	189	121	86.8	55.0	78.5	85.08	40.08	21
22	29.58	24.88	29.58	24.48	294	188	117	86.8	53.3	78.3	84.08	39.58	22
23	29.38	24.88	29.08	24.48	311	198	112	84.2	88.7	77.0	83.08	39.58	23
24	29.08	24.78	28.78	24.38	331	208	108	83.8	73.6	75.7	81.08	39.08	24
25	28.98	24.78	28.58	24.18	342	208	104	82.8	81.7	75.6	80.08	38.88	25
26	28.68	24.68	28.28	24.08	348	208	88.8	81.0	90.8	77.2	88.08	38.58	26
27	28.38	24.68	28.08	24.08	348	211	86.3	80.7	101	78.4	87.58	38.08	27
28	28.28	24.58	27.98	23.98	341	214	87.8	81.0	112	80.0	88.08	37.58	28
29	28.08	24.48	27.78	23.98	330	207	84.5	80.4	122	80.1	88.08	37.38	29
30	27.98		27.48	23.88	314	201	81.2	80.4	127	83.8	84.08	37.08	30
31	27.78		27.28		298		80.4	36.3		84.3		36.58	31
TOTAL	870.3	748.4	881.9	765.2	5 570.4	6 416	4 151.9	1 718.1	1 718.4	2 895.9	2 122.9	1 341.5	TOTAL
MEAN	31.3	25.7	27.5	25.2	180	214	134	55.4	57.3	88.6	70.8	43.3	MEAN
MAX	36.3	27.5	32.0	27.0	348	264	192	84.1	127	136	83.4	53.0	MAX
MIN	27.7	24.4	23.8	23.8	23.4	183	89.4	36.3	33.4	75.6	54.0	36.5	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.2
MAXIMUM DAILY, 348 ON MAY 27
MINIMUM DAILY, 23.48 ON MAY 5
MAXIMUM INSTANTANEOUS,
352 AT 14:30 AST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 54 N
LONG 61 25 45 W
DRAINAGE AREA, 4 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 800	JUL	359 000
FEB	64 500	AUG	148 000
MAR	73 600	SEP	148 000
APR	65 200	OCT	259 000
MAY	481 000	NOV	183 000
JUN	554 000	DEC	116 000

TOTAL DISCHARGE, 2 840 000 dam³

NORTH BROOK NEAR RED BAY - STATION NO. 03XD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	2.80	1.86	0.348	0.700	0.883	0.885	---	1
2	---	---	---	---	---	2.61	1.83	0.389	0.713	0.886	0.871	---	2
3	---	---	---	---	---	2.83	2.43	0.385	0.827	1.29	24.0 E	---	3
4	---	---	---	---	---	2.57	2.18	0.345	0.888	1.75	12.3	---	4
5	---	---	---	---	---	2.85	1.84	0.322	0.840	1.41	---	---	5
6	---	---	---	---	---	5.83	1.65	0.272	1.88	1.20	---	---	6
7	---	---	---	---	---	8.87	1.32	0.243	1.37	1.20	---	---	7
8	---	---	---	---	---	6.88	1.13	0.235	1.02	1.11	---	---	8
9	---	---	---	---	---	4.28	0.998	0.233	0.837	1.06	---	---	9
10	---	---	---	---	---	3.68	0.895	0.241	0.748	1.07	---	---	10
11	---	---	---	---	---	3.53	0.800	1.19	0.801	1.11	---	---	11
12	---	---	---	---	---	3.87	0.884	1.07	5.13	2.50	---	---	12
13	---	---	---	---	---	3.81	0.880	0.888	4.80	2.13 A	---	---	13
14	---	---	---	---	---	2.83	1.08	0.787	7.01	1.86	---	---	14
15	---	---	---	---	---	3.20	1.20	0.712	5.32	1.61	---	---	15
16	---	---	---	---	---	3.31	1.38	0.635	3.15	1.38	---	---	16
17	---	---	---	---	---	2.88	1.15	0.545	2.17	1.12	---	---	17
18	---	---	---	---	---	2.28	1.01	0.537	1.88	0.898	---	---	18
19	---	---	---	---	---	3.05	0.871	1.08	1.34	0.891	---	---	19
20	---	---	---	---	---	1.84	0.783	1.13	1.11	0.823	---	---	20
21	---	---	---	---	---	2.27	0.805	1.16	0.884	1.82	---	---	21
22	---	---	---	---	7.00	2.37	0.737	1.03	0.888	1.88	---	---	22
23	---	---	---	---	4.82	2.18	0.884	0.873	0.834	1.44	---	---	23
24	---	---	---	---	5.70	2.13	0.850	0.774	0.818	1.85	---	---	24
25	---	---	---	---	5.08	1.71	0.881	0.890	0.827	2.05	---	---	25
26	---	---	---	---	4.21	1.45	0.858	0.801	0.738	1.81	---	---	26
27	---	---	---	---	5.51	1.74	0.808	0.813	0.743	1.72	---	---	27
28	---	---	---	---	7.32	1.89	0.459	0.785	0.740	1.82	---	---	28
29	---	---	---	---	5.02	1.85	0.432	0.767	0.708	1.33	---	---	29
30	---		---	---	3.63	1.84	0.401	0.838	0.831	1.28	---	---	30
31	---		---		3.11		0.376	0.777		1.15		---	31
TOTAL	---	---	---	---	---	87.33	32.498	30.624	48.975	43.771	---	---	TOTAL
MEAN	---	---	---	---	---	2.91	1.05	0.885	1.63	1.41	---	---	MEAN
MAX	---	---	---	---	---	8.87	2.43	1.19	7.01	2.50	---	---	MAX
MIN	---	---	---	---	---	1.48	0.376	0.233	0.840	0.883	---	---	MIN

SUMMARY FOR THE MONTHS JUN TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 24.0E ON NOV 3

MAXIMUM INSTANTANEOUS,
50.5E AT 15:55 AST ON NOV 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 45 27 N
LONG 56 27 05 W
DRAINAGE AREA, 35.5 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 810
FEB	---	AUG	1 780
MAR	---	SEP	4 230
APR	---	OCT	3 780
MAY	---	NOV	---
JUN	7 550	DEC	---

REMARKS - THE E FOR DISCHARGE ABOVE 13.7 IS DUE TO CURVE EXTENSION

NORTHEAST BROOK NEAR ROBDICKTON - STATION NO. 02YD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.308	1.05 B	4.508	11.8	8.22	18.2	3.31	1.38	0.881	1.43	3.01	9.04	1
2	3.058	1.03 B	5.008	11.8	8.47	17.8	3.27	1.28	0.821	1.37	2.91	9.34	2
3	2.808	1.00 B	10.0 B	10.8	8.48	17.7	3.35	1.18	0.877	1.41	5.20	8.84	3
4	2.808	0.8808	12.5 B	10.0	8.83	17.8	3.81	0.998	0.826	1.43	11.8	8.33	4
5	2.758	0.8808	15.0 B	9.41	9.13	18.4	3.87	0.888	0.488	1.42	18.2	7.88	5
6	2.658	0.8408	14.0 B	8.84	9.12	18.2	3.88	0.810	0.813	1.71	15.8	8.70 B	6
7	2.458	0.8208	13.5 B	7.84	9.78	18.3	3.53	0.738	0.441	2.38	14.3	8.00 B	7
8	2.358	0.8008	10.5 B	7.38	10.3	20.3	3.32	0.709	0.408	3.04	12.8	5.40 B	8
9	2.258	0.8858	8.008	7.12	11.3	18.4	3.14	0.687	0.384	3.74	11.4	4.90 B	9
10	2.178	0.8708	8.008	7.30	13.3	17.8	2.98	0.733	0.384	4.39	10.3	4.80 B	10
11	2.088	0.8508	8.808	7.32	17.1	16.4	2.74	0.796	0.598	4.40	9.53	4.10 B	11
12	2.018	0.8308	13.0 B	7.10	23.6	15.3	2.85	0.742	1.08	4.32	9.12	3.70 B	12
13	1.838	0.8208	12.0 B	8.83	28.0	11.8	2.98	0.754	1.73	4.28	8.88	3.40 B	13
14	1.848	0.8008	11.0 B	8.33	32.0	10.2	3.15	0.758	2.18	4.38	8.04	3.10 B	14
15	1.778	0.7808	10.0 B	8.83	35.3	8.81	3.22	0.785	2.88	4.87	8.32	2.88 B	15
16	1.708	0.7788	8.808	8.38	34.5	7.88	3.33	0.740	3.38	4.88	8.84	2.85 B	16
17	1.858	0.7808	8.008	4.88	32.8	8.83	3.27	0.701	3.88	5.03	8.52	2.43 B	17
18	1.808	0.7608	7.108	4.87	38.8	8.08	3.21	0.727	3.88	5.07	8.81	2.28 B	18
19	1.838	0.7408	8.508	4.32	40.4	8.37	3.18	0.813	3.37	4.88	8.74	2.08 B	19
20	1.488	0.7308	8.008	4.04	38.8	4.70	3.04	0.887	3.17	4.78	8.88	1.92 B	20
21	1.438	0.7208	8.308	4.58	41.3	4.62	2.81	0.852	2.82	4.70	8.47	1.76 B	21
22	1.408	0.8308	4.808	5.77	48.4	4.88	2.63	0.838	2.78	4.81	7.808	1.62 B	22
23	1.388	0.8808	4.408	8.34	48.4	4.42	2.41	0.821	2.88	4.30	7.38	1.52 B	23
24	1.318	1.28 B	4.008	8.38	38.8	4.12	2.26	0.810	2.44	4.07	8.808	1.42 B	24
25	1.288	1.48 B	3.768	8.33	38.0	3.88	2.11	0.811	2.27	3.87	8.808	1.32 B	25
26	1.238	1.78 B	3.808	8.12	32.8	3.83	1.83	0.808	2.08	3.78	8.208	1.22 B	26
27	1.208	2.20 B	3.888	8.08	30.4	3.43	1.78	0.782	1.84	3.84	8.808	1.18 B	27
28	1.178	2.88 B	4.308	8.28	28.3	3.31	1.82	0.788	1.78	3.48	8.708	1.08 B	28
29	1.138	3.40 B	8.84	8.71	28.1	3.40	1.82	0.771	1.73	3.37	8.70	1.00 B	29
30	1.118		8.01	7.88	23.4	3.38	1.44	0.734	1.88	3.24	8.28	0.9408	30
31	1.088		10.4		20.7		1.37	0.714		3.12		0.9008	31
TOTAL	57.78	32.827	283.48	210.28	785.72	314.01	88.88	28.708	52.887	110.84	260.17	113.300	TOTAL
MEAN	1.88	1.13	8.18	7.01	25.3	10.5	2.79	0.828	1.78	3.58	8.67	3.85	MEAN
MAX	3.30	3.40	15.0	11.8	48.4	20.3	3.88	1.38	3.88	5.07	18.2	9.34	MAX
MIN	1.08	0.730	3.80	4.04	8.22	3.31	1.37	0.887	0.384	1.37	2.81	0.900	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.28
MAXIMUM DAILY, 48.4 ON MAY 22
MINIMUM DAILY, 0.384 ON SEP 10
MAXIMUM INSTANTANEOUS,
47.7 AT 14:10 NST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 44 N
LONG 55 05 44 W
DRAINAGE AREA, 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 980	JUL	7 480
FEB	2 840	AUG	2 220
MAR	21 900	SEP	4 550
APR	18 200	OCT	9 880
MAY	67 800	NOV	22 500
JUN	27 100	DEC	9 780

TOTAL DISCHARGE, 199 000 dam³

NEWFOUNDLAND AND LABRADOR

NORTHEAST POND RIVER AT NORTHEAST POND - STATION NO. 02ZH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.050	0.050	0.248	0.235	0.173	0.038	0.822	0.044	0.035	0.148	0.035	0.142	1
2	0.046	0.048	0.605	0.188	0.281	0.181	0.350	0.035	0.030	0.078	0.031	0.107	2
3	0.039	0.050	0.436	0.124	0.200	0.183	0.184	0.026	0.029	0.052	0.150	0.081	3
4	0.032	0.054	0.305	0.083	0.954	0.140	0.092	0.021	0.029	0.042	0.376	0.063	4
5	0.036	0.057	0.882	0.110	0.367	0.078	0.082	0.017	0.026	0.035	0.151	0.058	5
6	0.038	0.055	0.477	0.150	0.228	0.058	0.067	0.014	0.025	0.126	0.088	0.052	6
7	0.031	0.047	0.208	0.107	0.141	0.078	0.054	0.012	0.025	0.146	0.123	0.043	7
8	0.027	0.038	0.185	0.076	0.218	0.083	0.055	0.013	0.021	0.083	0.211	0.039	8
9	0.026	0.034	1.58	0.068	0.241	0.063	0.058	0.013	0.018	0.055	0.154	0.036	9
10	0.033	0.031	0.487	0.071	0.208	0.083	0.050	0.013	0.018	0.052	0.126	0.035	10
11	0.030	0.029	0.548	0.538	0.544	0.317	0.048	0.013	0.026	0.048	0.110	0.033	11
12	0.027	0.028	0.441	1.43	0.298	0.143	0.053	0.012	0.046	0.123	0.092	0.0318	12
13	0.025	0.027	0.208	0.400	0.180	0.078	0.051	0.011	0.051	0.136	0.071	0.0308	13
14	0.026	0.055	0.131	0.308	0.113	0.053	0.053	0.020	0.045	0.118	0.058	0.0289	14
15	0.043	0.078	0.092	0.548	0.084	0.041	0.047	0.043	0.039	0.109	0.081	0.084	15
16	0.0418	0.085	0.084	0.395	0.088	0.033	0.045	0.038	0.032	0.121	0.062	0.356	16
17	0.0378	0.848	0.078	0.301	0.058	0.026	0.041	0.028	0.027	0.081	0.075	0.211	17
18	0.0349	0.598	0.083	0.241	0.044	0.053	0.038	0.026	0.023	0.059	0.088	0.154	18
19	0.033	0.285	0.051	0.184	0.038	0.333	0.031	0.138	0.021	0.048	0.081	0.195	19
20	0.031	0.161	0.082	0.159	0.030	0.120	0.033	0.072	0.018	0.041	0.083	0.143	20
21	0.036	0.162	0.088	0.718	0.025	0.058	0.033	0.048	0.018	0.037	0.048	0.158	21
22	0.033	0.328	0.057	0.385	0.022	0.039	0.030	0.038	0.017	0.036	0.244	0.281	22
23	0.033	0.242	0.047	0.387	0.020	0.030	0.028	0.030	0.018	0.032	0.283	0.284	23
24	0.031	0.802	0.041	0.288	0.020	0.028	0.028	0.024	0.013	0.032	0.183	0.182	24
25	0.030	2.13	0.038	0.184	0.020	0.024	0.022	0.021	0.012	0.039	0.128	0.098	25
26	0.044	0.518	0.032	0.152	0.017	0.020	0.021	0.018	0.012	0.042	0.088	0.078	26
27	0.228	0.737	0.042	0.151	0.017	0.058	0.018	0.017	0.011	0.050	0.172	0.070	27
28	0.268	1.57	0.268	0.208	0.014	0.094	0.017	0.018	0.011	0.080	0.348	0.068	28
29	0.182	0.488	0.381	0.147	0.012	0.068	0.083	0.016	0.023	0.080	0.378	0.070	29
30	0.088		0.261	0.102	0.010	0.401	0.112	0.017	0.204	0.048	0.230	0.108	30
31	0.063		0.260		0.010		0.085	0.031		0.043		0.088	31
TOTAL	1.726	9.818	8.237	8.417	6.731	2.786	2.312	0.816	0.921	2.152	4.172	3.248	TOTAL
MEAN	0.056	0.339	0.266	0.281	0.183	0.092	0.075	0.030	0.031	0.069	0.138	0.105	MEAN
MAX	0.268	2.13	1.58	1.43	0.954	0.401	0.822	0.138	0.204	0.148	0.378	0.281	MAX
MIN	0.026	0.026	0.032	0.068	0.010	0.020	0.017	0.011	0.011	0.032	0.031	0.028	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.135
MAXIMUM DAILY, 2.13 ON FEB 25
MINIMUM DAILY, 0.010 ON MAY 30
MAXIMUM INSTANTANEOUS,
2.78 AT 07:02 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 05 N
LONG 52 50 14 W
DRAINAGE AREA, 3.80 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	148	JUL	200
FEB	848	AUG	70.1
MAR	712	SEP	79.6
APR	727	OCT	186
MAY	408	NOV	280
JUN	239	DEC	281

TOTAL DISCHARGE, 4 270 dam³

NORTHEAST RIVER NEAR PLACENTIA - STATION NO. 02ZK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.02 B	2.675	13.2	5.40	4.16	1.73	18.4	1.52	1.78	1.70	2.28	4.68	1
2	1.77 B	2.008	15.5	4.88	4.00	2.24	13.7	1.42	1.26	1.80	2.04	4.69	2
3	1.56 B	5.708	13.4	4.29	4.46	3.03	11.9	1.36	1.06	1.35	10.1	4.12	3
4	1.40 B	4.558	10.3	3.87	5.36	2.43	9.43	1.10	0.887	1.32	11.0	3.80	4
5	1.24 B	3.958	10.2	4.82	8.07	8.07	7.33	1.02	0.814	1.77	7.35	3.27	5
6	1.90 B	5.458	14.8	4.60	4.55	5.26	5.86	0.939	1.67	8.33	5.83	2.718	6
7	1.72 B	4.708	10.5	3.88	3.81	11.4	5.71	0.910	1.78	4.82	8.30	2.438	7
8	1.57 B	3.838	11.6	3.26	6.33	6.27	5.06	0.881	1.35	3.80	11.1	2.208	8
9	1.37 B	3.108	14.3	2.87	7.23	4.44	8.10	0.892	1.13	3.11	7.86	2.048	9
10	1.24 B	2.628	11.3	6.26	5.48	5.42	5.18	0.870	0.928	2.82	7.26	1.918	10
11	1.12 B	2.288	26.0	6.01	5.24	11.0	4.60	0.758	2.30	2.69	6.83	1.798	11
12	1.02 B	1.988	17.8	5.04	4.88	6.84	3.88	0.859	2.47	5.88	7.86	1.708	12
13	0.9508	1.728	12.7	7.67	4.38	5.52	3.67	0.828	2.07	4.36	6.88	1.628	13
14	1.26 B	18.6 B	10.1	7.57	3.83	4.78	3.88	1.22	2.88	3.73	5.08	1.558	14
15	1.88	10.8 B	8.18	6.81	3.88	3.98	2.88	1.24	3.01	3.71	7.98	1.708	15
16	2.04	8.268	6.88	7.88	3.31	3.28	2.80	0.917	2.81	3.84	6.12	2.068	16
17	1.88	38.6 B	8.88	8.88	2.84	2.88	3.48	0.782	3.17	3.10	4.81	2.508	17
18	1.77	17.7	8.02	8.28	2.48	8.03	3.40	0.823	2.62	2.78	4.84	3.068	18
19	1.80 B	12.8	6.41	8.41	2.28	8.88	3.33	0.811	2.28	2.83	8.02	4.088	19
20	1.48 B	10.4	4.88	8.43	2.08	8.84	3.04	0.802	1.84	2.80	4.17	3.828	20
21	1.27 B	13.2	4.23	10.4	1.84	4.41	2.88	0.780	1.74	2.82	3.80	3.288	21
22	1.26 B	13.1	3.87	7.52	1.80	3.84	2.42	0.833	1.77	2.83	8.81	8.238	22
23	1.18 B	10.3	3.34	8.78	1.73	3.23	2.80	1.01	1.78	2.42	4.41	5.208	23
24	1.07 B	10.1	3.01	8.32	1.70	8.81	2.10	0.873	1.67	2.26	3.08	4.308	24
25	1.01 B	32.3	2.78	6.81	1.73	4.88	2.02	0.780	1.38	2.13	3.73	3.888	25
26	5.10 B	18.2	2.51	4.38	1.88	3.82	2.03	0.848	1.32	2.88	3.46	2.878	26
27	12.3	21.8	2.88	3.84	1.40	7.84	1.78	0.842	1.18	2.81	3.88	2.338	27
28	8.80	38.8	7.30	3.48	1.38	7.72	1.44	0.887	1.12	2.84	4.80	1.818	28
29	4.88	18.7	8.83	3.12	1.38	16.3	1.43	0.886	1.34	3.33	7.08	2.288	29
30	4.18 B		7.28	2.88	1.18	33.8	1.48	0.780	1.88	3.43	8.77	3.338	30
31	3.27 B		8.88		1.02		1.31	2.21		2.41		2.888	31
TOTAL	73.288	331.31	287.01	172.04	108.22	201.84	143.92	28.883	54.080	92.31	185.77	83.42	TOTAL
MEAN	2.38	11.4	9.28	5.73	3.43	8.73	4.81	0.988	1.88	2.88	8.18	3.01	MEAN
MAX	12.3	38.8	26.0	10.4	8.33	33.8	18.4	2.21	3.81	8.33	18.1	8.22	MAX
MIN	0.880	1.72	2.81	2.87	1.02	1.73	1.31	0.828	0.814	1.32	2.04	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.84
MAXIMUM DAILY, 38.88 ON FEB 17
MINIMUM DAILY, 0.828 ON AUG 13
MAXIMUM INSTANTANEOUS,
81.1E AT 09:00 NST ON FEB 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 18 28 N
LONG 53 50 27 W
DRAINAGE AREA, 89.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 330	JUL	12 300
FEB	33 600	AUG	3 570
MAR	24 800	SEP	4 870
APR	14 800	OCT	7 980
MAY	9 180	NOV	18 100
JUN	17 400	DEC	8 070

TOTAL DISCHARGE, 183 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 36.8 IS DUE TO CURVE EXTENSION

NORTHWEST BROOK AT NORTHWEST POND - STATION NO. 02ZH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.28	1.28	7.34	3.88	1.78	0.885	16.3	1.48	0.825	8.14	1.84	3.82	1
2	1.26	1.10	8.10	3.01	2.03	1.08	9.38	1.38	0.810	6.10	1.45	3.86	2
3	1.22	3.13	8.02	2.47	2.40	1.35	6.80	1.28	0.888	3.83	2.22	3.81	3
4	1.17	2.78	8.15	3.04	8.09	1.52	4.06	1.08	0.888	2.78	8.84	3.38	4
5	1.12	2.48	8.04	3.11	8.51	1.80	3.14	0.980	0.817	2.30	8.89	3.17	5
6	1.10	2.43	12.8	3.15	8.30	2.41	3.13	0.820	1.88	4.73	3.88	3.07	6
7	1.07	3.07	7.78	3.04	3.88	3.83	3.88	0.848	2.13	8.26	4.38	2.88	7
8	0.990	1.58	4.89	1.88	3.93	3.87	4.86	0.787	1.88	4.83	11.0	2.38	8
9	0.824	1.23	18.8	1.73	4.54	3.05	4.40	0.782	1.88	3.41	8.80	2.12	9
10	0.898	0.882	14.9	8.88	3.82	2.78	3.33	0.770	1.37	2.84	8.71	1.91	10
11	0.865	0.800	10.8	14.5	8.87	4.18	2.88	0.774	1.81	2.62	4.30	1.78	11
12	0.814	0.872	14.4	11.3	8.14	4.20	2.88	0.788	2.38	3.32	3.88	1.708	12
13	0.835	0.813	7.88	7.78	4.37	3.26	2.33	0.708	2.72	4.30	3.44	1.808	13
14	0.847	0.883	4.88	8.83	3.24	2.88	2.35	0.883	2.41	3.87	3.24	1.808	14
15	0.804	1.81	3.82	8.01	2.88	2.83	2.32	1.33	2.78	3.51	8.80	1.80	15
16	0.818	1.88	3.08	4.83	2.04	2.11	2.14	1.88	2.88	3.18	8.38	2.88	16
17	0.8908	20.4	3.08	3.81	1.78	1.77	1.81	1.41	2.87	2.88	4.88	3.10	17
18	0.8308	18.8	2.82	3.38	1.58	2.08	1.83	2.43	3.27	2.48	3.72	3.07	18
19	0.7608	7.48	2.28	3.24	1.34	8.38	1.83	4.18	3.23	2.12	4.03	3.44	19
20	0.7408	3.31	3.24	3.04	1.28	8.18	1.48	3.87	2.84	1.91	3.82	3.34	20
21	0.7308	8.28	4.18	3.80	1.18	4.70	1.48	2.83	2.28	1.78	3.04	3.14	21
22	0.7188	17.8	3.82	4.80	1.07	3.22	1.48	1.88	2.03	1.82	3.88	8.03	22
23	0.8408	8.72	3.01	4.74	1.01	2.42	1.80	1.58	1.84	1.73	4.13	8.18	23
24	0.8458	5.82	2.31	4.18	1.01	2.21	1.82	1.31	1.71	1.88	2.18	4.80	24
25	0.8988	28.1 E	2.01	3.34	1.03	2.28	1.74	1.19	1.83	1.84	3.24	3.42	25
26	0.878	18.8	1.73	2.88	1.08	2.18	3.08	1.07	1.38	1.84	3.44	2.84	26
27	2.23	14.7	1.80	2.34	1.31	2.02	3.88	0.988	1.28	1.88	2.88	2.40	27
28	6.34	21.3 E	1.82	2.01	1.41	2.09	3.30	0.898	1.18	1.92	2.48	2.12	28
29	4.34	16.0	3.44	1.71	1.38	2.28	2.88	0.884	1.47	1.94	2.88	3.38	29
30	2.78		4.81	1.88	1.18	8.18	2.13	0.825	8.48	1.78	3.63	4.80	30
31	1.77		4.81		1.03		1.78	0.807		1.78		3.82	31
TOTAL	41.130	212.720	188.81	120.34	88.88	81.278	101.87	42.188	80.847	83.38	125.48	88.71	TOTAL
MEAN	1.33	7.34	8.02	4.01	2.80	3.04	3.29	1.38	2.03	3.01	4.18	3.08	MEAN
MAX	8.24	28.1	18.8	14.8	8.81	8.38	16.3	4.18	8.48	8.14	11.0	8.18	MAX
MIN	0.885	0.813	1.80	1.88	1.01	0.885	1.48	0.708	0.817	1.84	1.48	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.44
MAXIMUM DAILY, 28.1E ON FEB 25
MINIMUM DAILY, 0.8858 ON JAN 28
MAXIMUM INSTANTANEOUS,
38.0E AT 18:48 NST ON FEB 25

REMARKS - THE E FOR DISCHARGE ABOVE 20.8 IS DUE TO CURVE EXTENSION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 08 N
LONG 53 18 11 W
DRAINAGE AREA, 83.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 550	JUL	8 800
FEB	18 400	AUG	3 640
MAR	16 100	SEP	6 270
APR	10 400	OCT	6 070
MAY	7 490	NOV	10 800
JUN	7 880	DEC	6 270

TOTAL DISCHARGE, 108 000 dam³

NORTHWEST GANDER RIVER NEAR GANDER LAKE - STATION NO. 02YQ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.3 B	24.0B	320 B	280 E	232 E	20.8	89.8	8.30E	8.35E	10.8	23.4	137	1
2	14.8 B	22.0B	285 B	218 E	175 E	35.3	83.8	8.00E	4.85E	11.4	21.8	101	2
3	14.0 B	20.0B	238 B	172 E	150 A	87.7	78.3	5.80E	4.80E	11.8	32.2	74.8	3
4	13.8 B	21.0B	210 B	136 E	134	82.0	133	5.00E	4.25E	10.4	140	80.0B	4
5	12.8 B	18.8B	177 B	122 E	180	80.3	113	4.80E	4.00E	10.7	133	35.0B	5
6	12.4 B	18.2B	152 B	107 E	140	127	78.0	4.38E	3.80E	43.1	93.8	28.8B	6
7	11.6 B	17.0B	130 B	114 E	127	170	67.8	4.10E	3.85E	85.0	81.8	24.8B	7
8	11.3 B	16.0B	114 B	122 E	122	178	45.0	3.85E	3.60E	77.2	88.0	30.0B	8
9	10.6 B	15.0B	100 B	141 E	105	126	38.7	3.70E	3.38E	67.7	78.8	25.0B	9
10	10.4 B	14.3B	80.0B	170 E	88.4	88.3	30.1	4.38E	3.28E	48.1	72.8	22.8B	10
11	10.0 B	13.8B	118 B	218 E	81.4	80.8	28.0	8.20E	4.10E	47.4	72.0	20.8B	11
12	9.80B	13.0B	148 B	180 E	82.1	74.2	21.7	4.88E	8.10E	42.7	70.8	18.0B	12
13	10.0 B	12.8B	171 B	134 E	83.8	88.0	18.4	4.80E	10.0 E	37.3	82.7	17.8B	13
14	10.8 B	12.0B	140 B	88.0E	88.3	48.7	18.3 A	4.40E	18.2 E	32.7	82.8	17.0B	14
15	11.8 B	11.8B	118 B	84.0E	87.1	38.8	18.8 E	4.28E	28.2 E	30.9	84.8	18.2B	15
16	12.1 B	11.2B	98.0B	78.0E	48.2	32.8	18.8 E	4.18E	21.8 E	28.8	75.9	15.2B	16
17	11.7 B	11.0B	78.0B	78.0E	36.8	24.3	13.3 E	3.40E	18.8 E	28.8	85.8	14.1B	17
18	11.2 B	10.8B	88.0B	84.0E	31.7	27.4	12.0 E	8.80E	18.2 E	26.8	88.7	18.0B	18
19	10.8 B	10.4B	88.0B	122 E	28.8	84.0	11.0 E	8.40E	14.0 E	24.1	70.7	16.0B	19
20	10.4 B	10.2B	47.0B	162 E	22.8	88.8	8.80E	11.3 E	12.0 E	22.0	88.7	17.0B	20
21	8.90B	12.8B	40.0B	234 E	20.0	47.4	8.80E	10.8 E	10.1 E	20.8	87.0	18.0B	21
22	8.50B	17.8B	36.0B	282 E	17.2	40.0	7.80E	10.0 E	9.10E	21.4	30.0B	21.8B	22
23	9.10B	26.8B	32.0B	242 E	17.0	33.3	7.10E	12.8 E	8.80E	20.8	28.8B	24.8B	23
24	8.70B	38.8B	28.8B	185 E	18.7	28.8	6.80E	18.0 E	10.4 E	21.4	24.8B	22.3B	24
25	8.40B	88.0B	27.8B	148 E	18.8	26.0	8.10E	15.0 E	9.80E	24.1	22.8B	20.8B	25
26	8.80B	84.0B	25.8B	135 E	18.8	23.0	5.80E	12.4 E	8.10E	25.8	21.3B	18.8B	26
27	12.2 B	134 B	43.0B	147 E	22.8	24.8	5.40E	10.8 E	7.80E	28.8	35.0B	17.0B	27
28	15.8 B	214 B	84.0B	182 E	28.8	28.8	8.15E	8.00E	8.20A	29.4	40.0B	16.1B	28
29	20.8 B	350 B	175 B	180 E	28.0	30.1	4.80E	7.80E	8.33	27.8	80.0B	15.8B	29
30	27.8 B		388 E	200 E	26.8	48.8	5.20E	6.70E	10.1	28.8	187	14.8B	30
31	26.8 B		385 E		22.8		5.80E	5.80E		28.7		14.1B	31
TOTAL	302.80	1 238.8	4 872.8	4 725.0	2 208.0	1 804.8	814.35	223.80	278.18	872.8	1 832.1	898.4	TOTAL
MEAN	12.7	42.7	131	158	71.2	80.2	28.8	7.22	9.31	31.4	84.4	28.0	MEAN
MAX	27.8	350	388	282	232	178	132	18.0	26.2	85.0	187	137	MAX
MIN	8.40	10.2	25.8	70.0	18.8	20.8	4.80	3.70	3.28	18.4	21.3	14.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.7
MAXIMUM DAILY, 388E ON MAR 30
MINIMUM DAILY, 3.28E ON SEP 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 07 N
LONG 55 04 52 W
DRAINAGE AREA, 2 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 800	JUL	78 000
FEB	107 000	AUG	19 200
MAR	352 000	SEP	24 100
APR	408 000	OCT	84 000
MAY	191 000	NOV	187 000
JUN	156 000	DEC	77 800

TOTAL DISCHARGE, 1 700 000 dam³

NEWFOUNDLAND AND LABRADOR

PETERS RIVER NEAR BOTWOOD - STATION NO. 02YD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.45 B	2.55 B	27.7	33.6	19.4	3.95	2.12	0.841	0.828	5.85	1.82	5.68	1
2	1.35 B	2.75 B	19.3	26.9	23.4	5.74	2.21	0.849	0.748	5.20	1.38	5.52	2
3	1.25 B	3.20 B	19.6	25.5	20.4	10.4	3.46	0.898	0.861	4.05	1.84	4.68	3
4	1.19 B	3.00 B	20.2	24.6	18.4	11.8	5.75	0.868	0.839	3.13	3.89	3.46	4
5	1.10 B	2.70 B	19.9	21.8	13.6	9.86	5.75	0.809	0.845	2.49	5.80	2.40 B	5
6	1.05 B	2.35 B	18.7	18.7	12.4	10.4	4.61	0.883	0.879	4.40	4.98	1.98 B	6
7	0.9808	2.05 B	14.1	16.2	11.5	12.2	3.21	0.821	0.828	10.2	4.58	2.31 B	7
8	0.9308	1.80 B	11.1	16.5	11.5	14.5	2.80	0.893	0.843	11.6	5.82	1.78	8
9	0.8808	1.80 B	8.87	16.5	11.1	13.1	2.28	0.817	0.801	7.81	5.08	1.27	9
10	0.8308	1.40 B	7.13	17.0	9.19	8.72	1.84	1.44	0.898	5.01	5.27	0.7458	10
11	0.7908	1.25 B	5.89	19.0	8.12	6.88	1.61	5.84	0.878	5.88	7.62	1.80 B	11
12	0.7408	1.15 B	7.88	20.6	11.3	6.24	1.43	8.00	0.838	5.20	7.35	1.50 B	12
13	0.8108	1.05 B	8.05	17.2	10.8	4.82	1.28	3.58	0.887	4.22	5.78	1.45 B	13
14	0.8898	0.8308	10.2	13.4	8.60	3.89	1.37	2.24	0.818	3.36	5.61	1.35 B	14
15	0.8508	0.8308	10.1	9.85	6.88	3.16	1.26	1.81	1.22	3.09	4.73	1.30 B	15
16	0.8108	0.7708	9.17	8.72	5.84	2.61	1.28	1.28	1.07	2.98	4.40	1.28 B	16
17	0.7708	0.7208	7.85	8.16	4.63	2.26	1.23	0.983	2.14	2.83	4.07	1.20 B	17
18	0.7308	0.8808	8.18	10.8	3.80	2.15	1.16	0.880	2.17	2.37	3.40	1.15 B	18
19	0.8808	0.8808	8.26	13.2	3.16	3.83	1.05	1.00	1.82	1.97	3.05	1.10 B	19
20	0.8308	0.8908	4.42	14.2	2.81	5.82	0.988	3.70	1.56	1.76	2.86	1.08 B	20
21	0.8808	0.8808	3.44	18.0	2.50	4.75	1.04	3.56	1.38	1.75	2.48	1.48 B	21
22	0.8608	0.9008	2.98	20.6	2.12	3.43	1.07	3.04	1.25	1.63	2.01	1.68 B	22
23	0.8208	1.27 B	2.42	24.1	1.97	2.78	1.04	3.17	1.30	1.88	1.28	2.04 B	23
24	0.4908	2.10 B	2.38	21.8	1.90	2.40	0.950	3.36	1.70	1.63	1.988	2.78 B	24
25	0.4808	3.80 B	2.16	17.8	1.71	2.11	0.884	2.88	1.67	1.82	1.508	2.48 B	25
26	1.00 B	8.00 B	1.72	15.3	1.68	1.90	0.782	2.17	1.61	1.88	1.888	2.10 B	26
27	2.50 B	10.0 B	2.16	14.8	4.64	1.88	0.876	1.74	1.35	2.25	2.11	1.80 B	27
28	5.20 B	20.0 B	4.18	15.7	7.12	1.88	0.837	1.43	1.14	2.38	2.78	1.68 B	28
29	4.20 B	31.4	11.2	17.1	8.43	2.18	0.588	1.23	1.42	2.38	4.88	1.50 B	29
30	3.50 B		20.1	17.4	8.88	2.24	0.631	1.11	4.17	2.08	8.00	1.35 B	30
31	3.00 B		40.8		4.84		0.834	0.888		1.85		1.28 B	31
TOTAL	48.728	107.850	343.88	538.88	288.88	188.22	55.249	58.588	37.148	115.84	124.14	88.308	TOTAL
MEAN	1.31	3.72	11.1	18.0	8.29	8.81	1.78	1.88	1.24	3.73	4.14	2.20	MEAN
MAX	5.20	31.4	40.8	33.8	23.4	14.8	5.75	8.00	4.17	11.8	8.27	8.88	MAX
MIN	0.480	0.890	1.72	8.72	1.71	1.88	0.588	0.421	0.839	1.83	1.28	0.748	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.23
MAXIMUM DAILY, 40.8 ON MAR 31
MINIMUM DAILY, 0.421 ON AUG 7
MAXIMUM INSTANTANEOUS,
41.7 AT 10:01 NST ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 21 N
LONG 55 24 38 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 530	JUL	4 770
FEB	9 320	AUG	5 080
MAR	28 700	SEP	3 210
APR	46 600	OCT	9 880
MAY	22 200	NOV	10 700
JUN	14 900	DEC	8 900

TOTAL DISCHARGE, 165 000 dam³

PETTY HARBOUR RIVER AT SECOND POND - STATION NO. 02ZH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.97	5.68	17.6	5.84	8.74	6.16	4.84	2.78	---	4.84	2.44	8.08	1
2	2.66	3.81	14.6	2.86	8.78	8.68	8.48	2.65	1.34	4.84	8.00	8.34	2
3	1.83	3.28	22.4	0.425	8.86	4.78	7.90	2.65	---	3.87	11.8	4.25	3
4	1.58	3.81	16.6	0.711	11.7	4.88	4.83	2.44	---	2.29	12.2	4.18	4
5	2.15	2.10	13.3	1.68	12.7	8.13	---	---	---	2.28	11.1	3.72	5
6	3.28	0.088	18.6	4.80	8.81	8.47	---	2.37	4.08	8.03	8.80	3.08	6
7	4.47	3.17	16.6	5.85	7.42	7.38	4.84	1.27	---	7.02	8.17	8.85	7
8	3.00	2.18	13.3	4.84	11.4	8.01	7.38	1.88	0.480	7.11	8.20	3.57	8
9	1.88	2.14	13.3	5.85	11.4	2.88	8.31	1.83	---	4.88	4.48	1.40	9
10	1.81	2.12	28.0	8.10	8.82	7.18	4.05	4.88	---	4.88	3.87	1.34	10
11	4.88	2.42	15.6	10.8	12.3	8.37	---	---	3.81	2.82	8.48	1.53	11
12	3.84	2.38	24.0	12.8	10.1	8.37	---	---	4.38	8.47	8.87	2.00	12
13	1.53	1.80	18.7	22.2	7.22	3.88	1.87	1.34	1.08	8.76	5.78	4.80	13
14	1.78	3.81	13.3	13.7	7.18	2.88	4.11	2.48	2.71	8.43	4.88	4.84	14
15	2.08	3.82	13.0	14.0	7.14	2.88	8.27	---	1.70	8.43	5.84	7.02	15
16	2.28	8.88	10.8	12.7	7.14	2.88	8.07	---	0.803	7.02	3.82	7.14	16
17	1.02	12.4	8.04	12.7	7.14	4.38	---	2.08	2.88	---	3.82	7.14	17
18	2.23	12.7	3.87	8.83	7.14	8.87	1.72	8.23	2.88	0.447	4.80	7.14	18
19	0.702	13.6	4.28	7.05	7.48	8.00	3.81	8.17	2.88	---	8.12	8.48	19
20	1.12	13.0	7.14	11.4	7.88	2.72	8.87	2.48	1.17	2.00	4.88	4.18	20
21	2.38	13.0	2.24	12.7	7.48	2.73	1.78	---	0.778	2.85	3.14	8.88	21
22	1.63	13.0	3.37	12.7	7.88	2.88	0.807	1.28	0.967	2.88	7.18	8.51	22
23	2.08	12.8	3.14	12.0	7.38	2.88	2.88	1.78	0.918	2.88	7.00	8.83	23
24	1.80	12.7	8.00	11.2	8.82	1.82	---	1.87	2.88	2.88	7.18	8.88	24
25	2.15	13.0	8.32	11.1	8.10	8.04	4.83	1.83	2.88	2.88	8.28	7.14	25
26	8.21	38.1	4.87	7.82	8.07	4.88	4.05	1.83	2.28	2.88	8.84	7.14	26
27	8.24	22.4	8.04	8.17	4.82	8.77	---	2.88	---	4.88	8.18	4.82	27
28	2.08	26.0	8.48	8.24	2.88	2.24	---	---	0.748	8.31	12.2	4.73	28
29	2.74	32.3	8.72	4.18	4.88	1.81	3.08	0.083	2.87	3.31	8.78	7.14	29
30	8.31		8.82	7.28	4.84	3.08	---	---	7.88	3.08	4.33	8.18	30
31	3.23		2.80		4.84		2.36	1.34		2.72		3.88	31
TOTAL	80.152	287.888	347.51	258.738	240.10	141.20	---	---	---	---	204.47	182.84	TOTAL
MEAN	2.58	9.82	11.2	8.82	7.78	4.71	---	---	---	---	8.82	5.24	MEAN
MAX	8.31	38.1	28.0	22.2	12.7	8.58	---	---	---	---	12.2	8.51	MAX
MIN	0.702	0.088	2.24	0.425	2.88	1.81	---	---	---	---	2.44	1.34	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 38.1 ON FEB 26
MINIMUM DAILY, 0.083 ON AUG 28

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 27 27 N
LONG 52 43 47 W
DRAINAGE AREA, 134 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 930	JUL	---
FEB	24 900	AUG	---
MAR	30 000	SEP	---
APR	22 400	OCT	---
MAY	20 700	NOV	17 700
JUN	13 300	DEC	14 000

PIERRES BROOK AT GULL POND - STATION NO. 02ZN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.44	4.05	5.31	5.46	5.31	5.17	4.79	2.84	1.84	4.36	4.05	5.13	1
2	5.44	4.22	5.31	5.46	5.31	5.20	4.86	---	---	4.33	3.82	5.10	2
3	5.44	4.08	5.31	5.82	5.31	5.69	5.15	---	---	4.28	3.80	5.21	3
4	5.27	4.18	5.31	5.46	5.34	5.28	5.32	0.785	---	4.73	3.86	5.21	4
5	4.78	3.89	5.31	5.46	5.46	5.31	5.35	---	---	4.81	3.85	5.04	5
6	5.10	3.84	5.31	5.46	7.36	5.31	5.35	---	3.03	4.47	3.88	4.81	6
7	4.87	4.02	7.84	5.46	7.38	5.28	5.81	---	4.67	4.30	3.99	5.15	7
8	4.47	3.89	22.2	5.46	5.82	5.31	5.30	1.08	4.30	4.30	4.47	4.76	8
9	3.77	3.88	31.4	5.46	5.82	5.28	5.35	1.22	4.36	4.33	4.46	4.36	9
10	3.57	4.22	28.3	5.46	5.46	5.06	5.27	2.20	4.33	4.33	4.47	4.30	10
11	3.84	4.18	23.1	5.46	5.71	5.31	5.24	---	4.25	4.30	4.47	4.47	11
12	4.18	4.08	23.1	5.46	7.03	5.28	4.22	0.885	3.82	5.04	4.50	3.88	12
13	4.86	4.05	30.8	5.46	6.63	5.23	5.18	---	3.37	5.47	4.47	4.05	13
14	3.20	4.06	8.85	5.41	7.87	5.31	5.88	---	4.25	5.48	4.46	4.18	14
15	2.22	4.05	5.31	5.43	6.88	5.44	5.31	2.88	4.30	5.49	4.47	4.11	15
16	0.803	4.13	5.31	5.46	5.34	3.52	5.31	4.70	4.38	5.49	4.50	4.16	16
17	0.801	4.80	5.31	5.46	5.31	4.70	5.31	4.67	4.42	5.47	4.53	3.88	17
18	1.11	5.76	5.31	5.46	5.31	4.83	5.31	4.78	4.53	5.49	4.30	4.16	18
19	0.934	5.76	5.31	5.46	5.31	5.49	4.86	2.88	4.46	5.47	4.59	4.22	19
20	0.908	5.76	5.31	5.46	5.31	5.49	5.17	---	4.36	4.53	4.42	4.32	20
21	1.84	5.76	5.31	5.46	5.31	5.49	5.17	---	4.30	5.48	4.33	3.37	21
22	0.745	5.03	5.31	5.46	5.31	4.89	5.17	2.84	4.38	5.49	3.74	4.86	22
23	0.702	5.29	5.31	5.46	5.31	4.67	5.17	5.27	4.38	5.48	4.83	4.36	23
24	1.06	5.26	5.31	5.83	5.31	5.13	5.17	5.27	4.38	5.49	4.87	4.33	24
25	0.832	5.28	5.31	6.04	5.31	5.15	5.10	5.24	4.47	5.21	4.84	4.28	25
26	1.83	5.28	5.31	7.82	5.31	5.34	4.39	2.85	4.38	4.47	4.61	4.38	26
27	4.18	5.28	5.31	7.18	5.31	5.31	4.36	---	4.42	4.22	4.70	4.33	27
28	4.19	5.34	5.31	6.51	5.31	4.61	---	---	4.38	4.28	4.84	4.30	28
29	4.06	5.43	5.31	6.51	5.31	4.63	4.22	---	4.30	4.68	4.64	4.36	29
30	4.38		5.31	6.46	5.31	4.58	4.22	---	4.38	4.28	4.84	4.63	30
31	4.05		5.31		5.28		4.19	1.80		4.22		3.88	31
TOTAL	97.803	143.48	308.32	195.81	205.58	166.05	---	---	---	145.68	130.87	137.78	TOTAL
MEAN	3.15	4.95	9.95	6.53	6.63	5.54	---	---	---	4.63	4.38	4.44	MEAN
MAX	5.44	5.43	31.4	6.04	6.63	6.31	---	---	---	5.48	4.83	5.21	MAX
MIN	0.832	3.94	5.31	5.41	5.28	3.52	---	---	---	4.22	3.80	3.37	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 31.4 ON MAR 9

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 17 50 N
LONG 52 51 00 W
DRAINAGE AREA, 117 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 430	JUL	---
FEB	12 400	AUG	---
MAR	28 600	SEP	---
APR	16 900	OCT	12 800
MAY	17 600	NOV	11 300
JUN	14 300	DEC	11 800

PINCHGUT BROOK AT OUTLET OF PINCHGUT LAKE - STATION NO. 02YJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.22	1.40	2.61	10.8	13.1	5.36	3.00	1.28	1.07	3.01	2.36	13.3	1
2	1.21	1.38	2.74	9.87	12.8	5.84	2.83	1.17	0.948	2.98	2.31	11.0	2
3	1.21	1.43	3.59	8.47	11.8	6.33	2.87	1.11	0.873	2.88	2.62	9.16	3
4	1.19	1.44	4.31	7.47	10.5	5.84	2.84	1.07	0.785	3.02	3.28	7.88	4
5	1.17	1.51	4.48	6.76	10.4	5.89	2.85	0.974	0.784	3.20	3.55	6.87	5
6	1.168	1.46	4.20	6.28	11.8	6.08	2.34	0.904	0.728	5.43	3.53	5.78	6
7	1.158	1.43	3.68	6.26	14.5	6.48	2.11	0.857	0.728	6.84	3.38	4.88	7
8	1.138	1.41	3.47	6.80	14.2	8.32	1.80	0.831	0.732	6.45	3.38	4.51	8
9	1.108	1.40	3.02	6.68	13.3	9.71	1.74	0.841	0.749	5.78	3.59	4.13	9
10	1.088	1.33	2.74	7.78	13.2	8.01	1.80	0.902	0.781	5.26	3.55	3.88	10
11	1.088	1.28	3.05	8.84	14.4	4.48	1.48	1.01	1.27	5.18	4.00	3.38	11
12	1.088	1.22	4.11	7.88	15.8	3.95	1.38	1.07	1.88	4.87	5.71	3.16	12
13	1.038	1.13	4.84	6.78	16.2	3.48	2.12	1.01	2.40	4.48	5.88	2.84	13
14	1.008	1.08	4.35	6.08	15.5	3.11	2.84	0.972	3.00	4.20	5.38	2.88	14
15	1.188	1.06	4.01	5.32	17.4	2.78	2.56	0.928	3.73	4.04	5.45	2.61	15
16	1.18	1.01 E	3.87	4.71	14.6	2.53	2.58	0.873	3.74	3.97	5.88	2.42	16
17	1.27	0.9808	3.32	4.46	12.8	2.31	2.43	0.783	3.64	3.70	5.58	2.36	17
18	1.22	0.9508	3.01	4.32	12.4	2.31	2.24	0.755	3.26	3.38	5.63	2.23	18
19	1.22	0.9008	2.70	4.32	12.6	2.82	2.04	0.828	2.83	3.05	10.8	2.18	19
20	1.21	0.8508	2.43	4.28	11.6	2.81	2.01	1.07	2.81	2.88	9.18	2.12	20
21	1.19	1.00 E	2.28	4.22	11.1	2.83	2.10	1.11	2.32	3.30	7.73	2.13	21
22	1.18	1.15 E	2.13	4.27	10.4	2.44	2.04	1.30	2.13	3.44	6.81	2.22	22
23	1.17	1.30 E	1.98	4.27	9.34	2.31	1.81	1.78	1.87	3.27	5.87	2.22	23
24	1.14	1.60 E	1.88	4.38	8.38	2.28	1.77	1.88	1.82	3.10	5.24	2.20	24
25	1.12	1.74	1.82	4.30	7.88	2.16	1.88	1.84	1.70	2.94	4.78	2.16	25
26	1.15	1.88	1.78	4.83	7.18	2.00	1.87	1.88	1.83	2.83	4.30	2.18	26
27	1.24	2.00	1.80	5.38	9.10	1.88	1.38	1.81	1.88	2.77	4.00	2.10	27
28	1.31	2.18	3.87	5.48	9.80	1.88	1.28	1.38	1.88	2.88	3.82	2.08	28
29	1.41	2.24	5.78	7.58	8.47	2.88	1.38	1.28	2.22	2.87	11.8	2.02	29
30	1.47		11.8	9.88	7.08	3.20	1.38	1.23	2.82	2.80	16.8	1.93	30
31	1.42		11.8		6.91		1.38	1.16		2.61		1.81	31
TOTAL	38.88	39.880	118.88	188.70	388.72	112.88	63.38	38.418	58.288	118.38	171.47	118.80	TOTAL
MEAN	1.19	1.37	3.88	6.28	11.8	3.77	2.04	1.14	1.88	3.75	5.72	3.87	MEAN
MAX	1.47	2.24	11.8	10.8	18.2	8.48	3.00	1.88	3.74	6.84	18.8	13.3	MAX
MIN	1.00	0.880	1.78	4.22	6.91	1.88	1.38	0.755	0.728	2.80	2.31	1.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.81
MAXIMUM DAILY, 18.2 ON MAY 13
MINIMUM DAILY, 0.728 ON SEP 6
MAXIMUM INSTANTANEOUS,
18.3 AT 03:02 NST ON MAY 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 21 N
LONG 58 00 59 W
DRAINAGE AREA, 119 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 180	JUL	8 470
FEB	3 430	AUG	3 880
MAR	10 300	SEP	4 880
APR	16 300	OCT	10 100
MAY	31 800	NOV	14 800
JUN	8 780	DEC	10 400

TOTAL DISCHARGE, 124 000 dam³

NEWFOUNDLAND AND LABRADOR

PIPERS HOLE RIVER AT MOTHERS BROOK - STATION NO. 02ZH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.6 B	8.058	355 E	90.5	34.8	8.31	80.4	4.50	1.85	5.75	12.8	39.7	1
2	10.4 B	7.028	330 E	78.9	38.0	7.77	80.8	4.47	1.80	5.50	11.8	38.3	2
3	8.858	6.888	278 E	66.0	38.4	8.22	88.0	4.28	1.45	5.20	44.7	33.6	3
4	8.008	7.808	208 E	58.1	52.4	8.83	83.0	3.76	1.47	5.18	80.2	28.0	4
5	11.6 B	7.458	140 E	55.0	53.0	14.2 A	82.0	3.30	1.45	5.48	37.8	26.3	5
6	10.5 B	6.838	118 E	58.0	44.8	40.1 A	44.7	2.88	1.47	41.6	30.7	22.8	6
7	8.508	6.428	92.3A	51.3	38.0	87.7	41.7	2.88	1.41	33.0	32.5	20.2 B	7
8	8.508	8.008	80.8	46.3	35.4	81.6	38.8	2.67	1.42	26.2	36.3	18.0 B	8
9	7.858	8.458	66.8A	43.1	32.1	40.3	30.1	2.76	1.32	21.0	34.0	18.2 B	9
10	7.458	8.888	52.8E	48.7	28.8	38.5	25.8	2.75	1.19	19.8	31.7	14.8 B	10
11	7.008	8.428	51.1A	62.1	28.8	87.8	24.2	2.40	1.28	17.2	28.3	13.4 B	11
12	8.588	5.908	84.7	66.8	28.8	49.3	24.2	2.12	1.88	16.8	30.4	12.3 B	12
13	8.018	5.558	87.8	68.0	28.4	42.5	21.4	1.80	1.88	15.3	27.1	11.5 B	13
14	8.758	8.208	74.8	56.8	22.7	37.7	18.6	2.24	2.80	14.8	25.0	10.6 B	14
15	7.788	15.5 B	85.0	57.8	20.8	33.2	15.8	2.88	4.88	18.1	38.8	10.0 B	15
16	7.278	28.0 B	84.6	62.6	18.8	27.4	13.7	2.41	4.14	18.7	34.8	8.408	16
17	8.778	54.0 B	44.6	45.8	16.6	23.4	12.6	2.16	8.32	18.8	30.1	8.758	17
18	8.418	118 B	31.0	40.7	14.8	23.2	11.2	2.00	8.32	15.1	28.0	8.188	18
19	8.038	78.0 B	24.18	38.8	13.0	27.0	8.87	2.04	4.73	13.8	28.8	7.858	19
20	8.838	55.5 B	20.18	33.8	11.7	22.3	8.99	2.02	4.41	12.2	27.0	7.388	20
21	8.438	72.0 B	17.88	82.6	10.7	18.8	8.74	1.88	4.11	12.2	22.4	8.268	21
22	8.208	82.0 B	16.38	54.3	10.0	16.2	8.72	1.80	3.87	12.8	23.7	10.2 B	22
23	8.048	125 B	14.88	48.2	8.34	14.8	8.00	1.82	4.22	12.0	18.2	18.4 B	23
24	4.788	180 B	13.78	46.8	8.84	18.8	7.38	1.90	4.38	11.7	12.3	14.4 B	24
25	4.878	340 B	12.88	42.8	8.12	17.4	8.84	1.77	4.10	11.8	18.8	12.8 B	25
26	8.858	380 B	12.08	37.8	8.41	14.4	5.81	1.58	3.88	13.8	21.8	11.1 B	26
27	8.808	385 E	24.4	33.8	8.26	14.8	5.30	1.55	3.88	18.2	22.8	8.788	27
28	14.8 B	325 E	83.4	30.7	7.88	15.7	4.81	1.54	3.40	15.8	28.8	8.308	28
29	12.8 B	336 E	108	27.8	7.52	17.2	4.70	1.82	4.27	15.2	48.3	11.0 B	29
30	8.188		107	26.4	7.03	80.4	4.63	1.88	5.70	14.8	44.0	12.8 B	30
31	7.358		101		8.48		4.54	1.72		14.1		8.308	31
TOTAL	246.82	2 838.72	2 777.0	1 531.0	887.24	838.52	705.43	75.15	92.00	478.38	880.3	478.80	TOTAL
MEAN	7.96	81.0	89.6	51.0	22.2	27.8	22.8	2.42	3.07	15.4	29.3	15.5	MEAN
MAX	14.8	380	355	90.5	53.0	87.7	88.0	4.50	8.70	41.8	80.2	38.3	MAX
MIN	4.87	5.85	12.0	28.4	8.48	8.31	4.54	1.85	1.19	8.18	11.8	7.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.2
MAXIMUM DAILY, 380B ON FEB 26
MINIMUM DAILY, 1.19 ON SEP 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 56 48 N
LONG 54 17 08 W
DRAINAGE AREA, 764 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 300	JUL	60 900
FEB	228 000	AUG	8 480
MAR	240 000	SEP	7 950
APR	132 000	OCT	41 300
MAY	88 400	NOV	78 100
JUN	72 200	DEC	41 800

TOTAL DISCHARGE, 887 000 dam³

RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR - STATION NO. 02YR002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.308	2.738	34.0 B	50.5	32.0	8.37	4.26	0.784	0.181	2.88	3.02	7.708	1
2	8.008	2.638	41.0 B	42.4	33.4	13.3	4.27	0.782	0.192	2.81	2.84	18.0 B	2
3	8.788	2.638	44.0 B	36.1	32.4	16.2	4.43	0.813	0.188	2.56	3.48	14.2 B	3
4	8.508	2.438	44.0 B	31.2	32.7	29.6	4.38	0.511	0.172	2.41	3.83	12.8 B	4
5	8.308	2.358	41.0 B	28.1	35.8	32.3	4.06	0.488	0.158	2.38	4.10	11.5 B	5
6	8.088	2.288	37.0 B	25.7	38.3	31.8	3.77	0.432	0.187	4.13	4.16	10.3 B	6
7	4.888	2.168	32.0 B	24.6	36.6	29.4	3.61	0.380	0.263	5.32	4.81	9.508	7
8	4.708	2.118	28.0 B	23.7	34.8	26.8	3.28	0.408	0.277	5.88	5.84	8.708	8
9	4.508	2.028	25.0 B	22.8	32.2	21.7	3.18	0.482	0.234	5.88	8.73	8.008	9
10	4.308	1.888	23.0 B	23.3	30.1	18.3	3.03	0.363	0.188	5.81	7.18	7.508	10
11	4.188	1.888	23.2 B	28.0	28.7	16.6	2.83	0.392	0.300	5.13	7.31	8.008	11
12	4.008	1.848	23.4 B	30.1	30.1	17.6	2.48	0.333	0.322	4.80	8.88	8.508	12
13	3.878	1.788	21.8 B	28.8	28.8	16.6	2.48	0.318	0.358	4.38	8.80	8.008	13
14	3.708	1.708	20.0 B	27.8	26.8	14.1	2.48	0.283	0.488	4.18	8.80	8.508	14
15	3.588	1.858	18.0 B	26.1	24.4	12.2	2.40	0.273	0.448	4.28	7.18	8.358	15
16	3.488	1.988	18.7 B	23.8	21.8	10.7	2.28	0.262	0.421	4.13	7.31	8.208	16
17	3.328	2.508	18.2 B	22.1	19.8	9.57	2.13	0.236	0.431	3.88	7.87	7.808	17
18	3.208	2.248	16.0 B	21.8	18.8	8.83	2.00	0.258	0.418	3.70	8.80	7.408	18
19	3.108	2.108	13.2 B	22.8	18.0	8.70	1.88	0.284	0.373	3.62	8.18	7.108	19
20	3.008	2.008	12.3 B	24.2	13.3	7.83	1.81	0.281	0.373	3.34	8.87	8.708	20
21	2.908	2.408	11.5 B	22.4	13.0	7.20	1.73	0.331	0.388	3.18	8.808	8.508	21
22	2.888	2.888	10.8 B	23.3	10.8	8.31	1.80	0.318	0.384	2.87	8.008	8.158	22
23	2.718	2.558	10.0 B	24.5	10.8	8.88	1.67	0.388	0.442	2.63	4.18	8.808	23
24	2.888	2.808	8.508	41.7	9.47	5.14	1.38	0.374	0.382	2.61	5.108	8.858	24
25	2.678	3.308	8.008	37.1	8.33	4.73	1.29	0.484	0.343	2.71	8.008	8.408	25
26	2.508	8.008	10.0 B	33.4	8.08	4.39	1.10	0.288	0.380	2.72	7.008	8.158	26
27	3.408	8.008	13.0 B	30.4	12.3	4.28	0.981	0.287	0.303	2.87	8.308	4.878	27
28	3.258	13.0 B	14.0 B	28.8	11.8	4.20	0.887	0.284	0.284	3.02	10.2 B	4.758	28
29	3.108	17.0 B	31.2	28.8	11.1	4.61	0.847	0.232	1.30	3.19	13.0 B	4.588	29
30	2.958		80.2	30.0	10.4	4.28	0.808	0.220	2.22	3.25	10.5 B	4.408	30
31	2.888		88.4		8.95		0.788	0.203		3.17		4.258	31
TOTAL	118.28	88.01	788.80	812.7	678.91	404.31	73.877	11.220	12.294	113.80	188.88	230.45	TOTAL
MEAN	3.88	3.41	24.4	30.4	21.8	13.5	2.38	0.382	0.410	3.88	6.88	7.43	MEAN
MAX	8.30	17.0	88.4	80.8	36.3	32.3	4.43	0.784	2.22	5.88	13.0	18.0	MAX
MIN	2.80	1.88	8.80	21.8	8.33	4.01	0.788	0.203	0.158	2.38	2.84	4.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.88
MAXIMUM DAILY, 88.4 ON MAR 31
MINIMUM DAILY, 0.158 ON SEP 8
MAXIMUM INSTANTANEOUS,
88.8 AT 08:00 NST ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 38 N
LONG 54 08 28 W
DRAINAGE AREA, 388 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 300	JUL	6 376
FEB	8 550	AUG	882
MAR	85 400	SEP	1 080
APR	78 800	OCT	8 510
MAY	58 600	NOV	17 300
JUN	34 800	DEC	18 800

RATTLE BROOK NEAR BOAT HARBOUR - STATION NO. 02ZE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7858	2.10 B	7.08	1.82 E	1.05 E	1.05	5.51	0.882	0.171	0.383	0.723	1.81	1
2	0.8858	1.81 B	10.0	1.56 E	0.738A	1.57	4.06	0.588	0.184	0.370	0.822	1.84	2
3	0.8058	2.44 B	9.20	1.23 E	1.05	1.44	12.1	0.602	0.147	0.358	5.18	1.41	3
4	0.8428	2.05 B	8.18	1.05 E	3.05	1.28	7.30	0.388	0.133	0.332	5.28	1.14	4
5	0.7428	1.71 B	9.37	2.82 E	3.85	11.4	3.85	0.364	0.201	1.02	3.01	0.887	5
6	0.8828	1.44 B	8.82	2.28 E	2.18	11.7	2.81	0.300	1.78	11.4	2.18	0.8408	6
7	0.8958	1.27 B	6.88	1.78 E	1.48	8.03	1.83	0.284	0.822	4.73	2.88	0.7588	7
8	0.8408	1.10 B	8.31	1.48 E	2.18	5.01	1.84	0.247	0.814	2.43	3.80	0.6808	8
9	0.4858	0.8708	7.30	1.18 E	2.02	3.80	1.78	0.242	0.488	1.88	2.84	0.6288	9
10	0.4458	0.8608	6.31	3.00 E	1.81	2.88	1.42	0.238	0.438	1.17	2.81	0.5788	10
11	0.4158	0.7858	13.4	2.80 E	1.44	8.38	1.73	0.213	1.27	0.884	2.83	0.8428	11
12	0.3868	0.8858	10.7	1.88 E	1.24	3.48	1.88	0.180	1.22	1.84	3.23	0.8048	12
13	0.3598	0.8368	8.08	1.48 E	1.01	2.81	1.31	0.174	0.885	1.28	2.18	0.4858	13
14	0.3388	0.9008	3.42 A	1.18 E	0.841	3.02	1.12	0.232	2.84	1.04	1.88	0.4408	14
15	0.3248	1.82 B	2.48 E	0.8908	0.738	1.81	0.880	0.244	3.48	0.878	4.80	0.4208	15
16	0.3008	4.10 B	1.85 E	2.02 E	0.638	1.18	0.888	0.231	2.00	0.828	3.19	0.5628	16
17	0.2828	22.5 B	1.53 E	4.42 E	0.538	0.888	0.748	0.220	1.88	0.788	2.03	0.7008	17
18	0.2678	11.8	1.30 E	2.48 E	0.481	1.42	0.878	0.235	1.58	0.890	3.11	0.8508	18
19	0.2588	5.37	1.10 E	1.88 E	0.423	2.31	0.812	0.238	1.09	0.810	3.37	1.33 B	19
20	0.2448	3.71	0.9708	8.48 E	0.401	1.57	0.804	0.212	0.780	0.823	2.09	0.8808	20
21	0.2338	8.88	0.8308	7.00 E	0.374	1.14	0.808	0.188	0.882	0.781	1.83	1.03 B	21
22	0.2348	7.88	0.7308	5.20 E	0.387	0.888	0.832	0.218	0.703	0.810	1.88	1.28 B	22
23	0.2188	4.88	0.8358	3.88 E	0.388	0.871	0.804	0.183	1.08	0.874	1.24	1.48 B	23
24	0.2068	13.7	0.8408	2.88 E	0.388	2.84	0.422	0.184	0.887	0.882	1.04	1.12 B	24
25	0.2028	20.4	0.8208	2.08 E	0.403	2.03	0.388	0.181	0.714	0.803	1.18	0.9008	25
26	0.8508	8.88	0.4828	1.88 E	0.412	1.31	0.387	0.148	0.845	1.38	0.821	0.8858	26
27	0.35 B	23.2	0.8508	1.42 E	0.388	2.48	0.338	0.128	0.483	1.88	0.884	1.18 B	27
28	4.85 B	38.3	1.58 E	1.22 E	0.370	2.43	0.318	0.130	0.418	1.40	1.38	0.8708	28
29	3.78 B	14.0	3.00 E	1.03 E	0.384	2.84	0.400	0.138	0.402	1.00	2.78	1.12 B	29
30	2.88 B		4.82 E	1.48 E	0.314	8.81	0.433	0.141	0.328	0.887	2.83	1.01 B	30
31	2.48 B		3.00 E		0.270		0.438	0.178		0.857		0.9288	31
TOTAL	31.388	208.738	132.107	73.740	31.452	95.477	87.188	7.884	28.114	44.382	73.534	28.408	TOTAL
MEAN	1.01	7.08	4.28	2.48	1.01	3.18	1.84	0.247	0.937	1.43	2.45	0.848	MEAN
MAX	8.38	38.3	13.4	8.48	3.85	11.7	12.1	0.882	3.48	11.4	8.18	1.84	MAX
MIN	0.202	0.838	0.482	0.880	0.270	0.871	0.318	0.128	0.133	0.332	0.822	0.420	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.21
MAXIMUM DAILY, 38.3 ON FEB 28
MINIMUM DAILY, 0.128 ON AUG 27
MAXIMUM INSTANTANEOUS,
48.3E AT 08:48 NST ON FEB 28

REMARKS - THE E FOR DISCHARGE ABOVE 47.2 IS DUE TO CURVE EXTENSION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 54 51 18 W
DRAINAGE AREA, 42.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 710	JUL	4 840
FEB	17 800	AUG	881
MAR	11 400	SEP	2 430
APR	6 370	OCT	3 840
MAY	2 720	NOV	6 350
JUN	8 280	DEC	2 840

TOTAL DISCHARGE, 70 000 dam³

RATTLER BROOK NEAR MCIVERS - STATION NO. 02YL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0748	0.1378	0.4308	1.81	3.37	0.388	0.283	0.108	0.031	0.773	0.387	0.831	1
2	0.0728	0.1888	0.8508	1.31	1.80	0.474	0.484	0.074	0.086	0.884	0.372	0.774	2
3	0.0708	0.2888	0.8008	1.28	1.18	0.845	0.884	0.083	0.121	0.428	3.21	0.828	3
4	0.0678	0.2308	0.8708	0.897	1.10	0.481	0.807	0.048	0.183	0.413	1.48	0.888	4
5	0.0888	0.2008	0.4408	1.21	1.80	0.521	0.378	0.040	0.148	0.484	0.853	0.8908	5
6	0.0828	0.1808	0.3608	1.82	1.87	0.883	0.227	0.033	0.188	1.29	0.888	0.8408	6
7	0.0808	0.1808	0.2858	1.78	2.04	1.11	0.188	0.031	0.188	0.871	0.818	0.4408	7
8	0.0888	0.1428	0.2508	1.78	1.30	1.28	0.113	0.028	0.187	0.748	1.48	0.3808	8
9	0.0878	0.1328	0.2108	1.88	1.14	0.878	0.088	0.027	0.173	0.888	1.78	0.3208	9
10	0.0888	0.1208	0.2008	2.18	1.24	0.441	0.083	0.082	0.178	0.883	1.12	0.2908	10
11	0.0838	0.1088	0.2508	1.78	1.37	0.388	0.074	0.078	0.218	0.882	1.72	0.2888	11
12	0.0828	0.0958	0.8408	1.04	1.48	0.281	0.188	0.081	0.838	0.884	1.71	0.2488	12
13	0.0888	0.0908	0.4808	0.803	1.28	0.248	2.23	0.043	0.821	0.838	0.881	0.2258	13
14	0.0888	0.0848	0.4408	0.888	0.888	0.211	0.870	0.037	0.814	0.442	0.733	0.2088	14
15	0.1538	0.0808	0.4008	0.873	0.887	0.183	0.518	0.032	0.784	0.812	0.834	0.1958	15
16	0.1408	0.0748	0.3858	0.852	0.840	0.158	0.402	0.025	0.857	0.887	1.02	0.1828	16
17	0.1258	0.0718	0.3388	1.02	0.840	0.133	0.281	0.023	0.482	0.498	0.851	0.1728	17
18	0.1108	0.0678	0.3108	0.888	2.18	0.238	0.192	0.033	0.348	0.392	1.83	0.1618	18
19	0.0888	0.0858	0.2858	1.12	1.82	0.408	0.118	0.142	0.282	0.331	1.24	0.1508	19
20	0.0828	0.0838	0.2708	1.03	0.888	0.278	0.188	0.308	0.248	0.308	0.818	0.1408	20
21	0.0708	0.0708	0.2488	1.20	0.884	0.188	0.214	0.230	0.221	0.814	0.333	0.8008	21
22	0.0878	0.0838	0.2308	1.48	0.482	0.181	0.184	0.238	0.201	0.820	0.888	0.4608	22
23	0.0818	0.0868	0.2158	1.34	0.383	0.162	0.111	0.284	0.182	0.438	0.4508	0.3908	23
24	0.0888	0.1148	0.2008	1.22	0.322	0.171	0.083	0.181	0.177	0.378	0.3708	0.3408	24
25	0.0868	0.1408	0.1908	1.38	0.280	0.181	0.074	0.108	0.174	0.340	0.4008	0.3108	25
26	0.0888	0.1708	0.1808	1.80	0.834	0.134	0.081	0.081	0.188	0.340	0.448	0.2708	26
27	0.1108	0.2108	0.4808	1.88	1.78	0.128	0.088	0.088	0.188	0.338	0.803	0.2488	27
28	0.2128	0.2808	7.28 B	1.88	0.838	0.213	0.088	0.041	0.233	0.344	0.718	0.2258	28
29	0.1808	0.3308	8.05 B	2.14	0.811	0.787	0.148	0.041	2.11	0.380	8.17	0.2108	29
30	0.1678		3.50 B	3.84	0.358	0.482	0.087	0.043	1.33	0.410	2.27	0.1928	30
31	0.1808		2.70 B		0.274		0.101	0.041		0.388		0.1808	31
TOTAL	2.833	4.018	28.130	42.871	36.088	12.420	8.378	2.880	11.243	15.817	37.888	10.788	TOTAL
MEAN	0.081	0.138	0.840	1.43	1.13	0.414	0.203	0.084	0.378	0.510	1.27	0.348	MEAN
MAX	0.212	0.330	7.28	3.84	3.37	1.28	2.23	0.308	2.11	1.28	8.17	0.831	MAX
MIN	0.082	0.082	0.180	0.873	0.274	0.128	0.088	0.023	0.031	0.308	0.370	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.885
MAXIMUM DAILY, 8.17 ON NOV 29
MINIMUM DAILY, 0.023 ON AUG 17
MAXIMUM INSTANTANEOUS,
13.1 AT 12:08 NST ON NOV 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 03 34 N
LONG 56 06 19 W
DRAINAGE AREA, 17.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	245	JUL	810
FEB	347	AUG	235
MAR	2 520	SEP	871
APR	3 700	OCT	1 370
MAY	3 030	NOV	3 280
JUN	1 070	DEC	932

TOTAL DISCHARGE, 18 800 dam³

RATTLING BROOK AT RATTLING BROOK POWERHOUSE - STATION NO. 02YB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.93	3.48	10.9	14.8	14.7	14.4	13.8	12.0	6.88	2.18	8.13	8.78	1
2	6.30	2.58	12.8	14.9	18.5	14.5	13.8	11.8	6.04	2.18	8.78	8.88	2
3	6.17	6.83	13.7	14.8	18.9	14.3	13.8	11.7	6.01	2.18	8.78	8.88	3
4	6.38	7.53	13.4	14.8	21.3	14.3	13.8	11.8	6.38	2.04	8.30	8.13	4
5	6.14	7.33	13.8	14.9	23.4	14.4	13.8	10.6	6.04	2.28	8.85	8.18	5
6	6.84	6.38	14.8	14.7	25.8	14.8	13.5	8.72	6.04	2.18	8.78	8.81	6
7	6.43	6.13	14.3	14.9	28.9	14.8	13.5	8.78	6.18	2.38	8.81	8.18	7
8	6.51	6.80	13.6	14.8	38.4	14.8	13.5	8.82	6.21	2.38	8.48	8.13	8
9	6.48	7.58	14.7	14.8	47.8	14.5	13.8	8.88	6.10	2.18	8.82	8.17	9
10	6.51	7.38	12.8	14.9	41.8	20.9	13.8	8.82	6.01	6.20	6.80	8.08	10
11	7.78	6.80	14.2	14.7	38.1	20.8	13.8	8.82	4.83	8.72	8.81	8.03	11
12	6.88	4.78	14.7	14.8	44.2	14.7	13.3	8.21	6.04	8.83	8.81	8.03	12
13	6.48	1.13	14.7	14.8	51.3	14.2	13.8	8.61	6.04	8.78	8.80	8.32	13
14	6.38	1.22	14.9	14.8	51.3	14.0	13.4	8.67	6.88	8.67	8.84	8.03	14
15	6.00	1.22	13.8	14.9	48.4	13.8	13.5	8.67	6.01	8.81	8.88	8.00	15
16	6.48	1.18	14.9	14.9	38.8	12.9	13.4	8.78	6.38	8.88	8.82	7.22	16
17	6.51	1.10	14.9	14.9	30.4	13.8	13.2	8.88	0	8.84	8.84	8.84	17
18	6.67	3.08	14.7	14.9	17.2	13.8	13.8	8.88	0	8.84	8.84	8.18	18
19	3.88	3.31	14.8	14.8	17.3	13.8	13.3	9.03	2.18	8.81	8.88	8.88	19
20	3.84	3.17	14.8	14.8	18.8	13.8	12.8	8.00	2.38	8.84	8.78	8.20	20
21	1.47	3.08	14.7	14.8	14.7	13.8	12.8	8.78	2.18	8.84	8.84	8.38	21
22	2.88	6.88	14.8	14.8	14.8	13.8	13.1	8.88	2.41	8.88	8.84	8.28	22
23	6.72	6.61	14.8	14.8	14.8	13.8	13.1	8.88	2.18	8.67	8.78	8.08	23
24	3.88	6.52	14.8	14.8	12.8	12.1	12.7	8.61	2.18	8.88	8.81	8.88	24
25	3.84	6.72	14.3	14.8	14.4	13.8	12.8	8.72	2.04	8.88	8.88	8.78	25
26	1.73	6.85	14.8	14.8	14.4	13.7	12.9	8.80	2.18	8.84	8.82	8.28	26
27	3.88	8.17	14.8	14.8	14.3	13.8	13.7	8.88	2.18	8.78	8.88	8.12	27
28	3.31	8.80	14.7	14.7	14.4	13.8	12.3	8.88	2.18	8.84	8.78	8.88	28
29	3.11	8.88	14.8	14.8	14.4	12.8	13.4	7.80	2.18	8.84	7.18	8.00	29
30	2.80		14.8	14.7	14.8	13.8	13.0	8.67	2.38	8.88	8.08	8.00	30
31	2.88		14.8		14.4		11.9	8.88		8.88		8.03	31
TOTAL	156.88	168.31	441.9	444.7	776.8	428.8	407.7	282.84	113.38	206.88	232.48	270.17	TOTAL
MEAN	5.08	5.80	14.3	14.8	25.0	14.3	13.2	9.13	3.78	6.68	7.75	8.72	MEAN
MAX	7.78	8.80	14.9	14.9	51.3	20.9	13.8	12.0	6.88	8.83	8.81	8.32	MAX
MIN	1.47	1.18	10.9	14.7	12.8	12.1	11.9	6.80	0	2.04	6.81	6.81	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 51.3 ON MAY 13
MINIMUM DAILY, 0 ON SEP 17

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 03 12 N
LONG 56 17 12 W
DRAINAGE AREA, 376 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	35 300
FEB	14 500	AUG	24 400
MAR	38 200	SEP	9 780
APR	38 400	OCT	17 900
MAY	67 100	NOV	20 100
JUN	37 100	DEC	23 300

TOTAL DISCHARGE, 340 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

RAYMOND BROOK AT THE OUTLET OF BAY BULLS BIG POND - STATION NO. 02ZM033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.078	0.010	0.088	0.087	0.081	0.885	0.049	1.87	0.027	0.883	1.58	0.018	1
2	0.078	0.013	0.081	0.087	0.088	0.820	0.048	1.58	0.024	0.884	0.840	0.018	2
3	0.078	0.011	0.088	0.088	0.081	1.80	0.048	1.58	0.028	0.888	0.021	0.018	3
4	0.078	0.008	0.081	0.082	0.085	1.88	0.048	1.87	0.030	0.881	0.017	0.018	4
5	0.078	0.004	0.088	0.084	1.80	1.85	0.880	1.53	0.030	0.342	0.018	0.017	5
6	0.078	0.004	0.082	0.088	2.80	1.88	1.43	1.58	0.028	0.021	0.015	0.782	6
7	0.078	0.004	0.071	0.772	2.58	1.83	1.44	1.55	0.024	0.024	0.014	1.48	7
8	0.078	0.348	0.077	1.41	1.15	1.83	1.45	1.50	0.028	0.022	0.014	1.45	8
9	0.078	0.588	0.101	1.42	0.088	1.83	1.48	1.50	0.024	0.031	0.878	1.48	9
10	0.078	0.585	0.105	1.41	2.87	1.81	1.47	1.48	0.023	0.017	1.78	1.48	10
11	0.078	0.854	0.111	0.802	3.87	1.78	1.48	0.875	0.022	0.017	0.882	1.48	11
12	0.078	0.544	0.105	0.082	3.88	1.77	1.48	0.032	0.018	0.026	0.037	1.48	12
13	0.078	0.548	0.112	0.081	3.88	1.77	1.84	0.028	0.018	0.027	0.035	1.48	13
14	0.078	0.544	0.124	0.080	3.88	1.78	1.32	0.028	0.018	0.022	0.031	0.820	14
15	0.078	0.542	0.823	0.048	3.85	1.73	1.80	0.033	0.881	0.021	0.038	0.014	15
16	0.078	0.280	2.15	0.048	3.88	1.74	1.80	0.022	0.807	0.020	1.08	0.021	16
17	0.078	0.057	2.20	0.048	4.33	1.74	1.81	0.026	0.820	0.018	1.71	0.017	17
18	0.078	0.054	1.48	0.835	4.87	1.78	1.82	0.031	0.822	1.04	1.73	0.018	18
19	0.078	0.048	0.048	1.77	4.88	1.74	1.83	0.020	0.823	1.88	1.74	1.28	19
20	0.078	0.052	0.041	0.884	4.84	1.74	1.83	0.024	0.806	1.88	1.74	1.88	20
21	0.078	0.044	0.888	0.042	4.80	1.73	1.81	0.028	0.801	1.87	1.74	1.87	21
22	0.078	0.048	2.10	0.043	4.81	1.78	1.81	0.033	0.884	1.88	1.74	0.487	22
23	0.078	0.052	3.08	0.041	4.81	1.22	1.81	0.031	0.886	1.88	1.74	1.28	23
24	0.880	0.054	1.38	0.038	4.81	0.827	1.82	0.028	0.891	1.84	1.74	1.80	24
25	0.078	0.058	0.072	0.040	4.48	0.878	1.82	0.033	0.898	1.83	1.78	1.82	25
26	0.518	0.054	0.061	1.88	4.43	0.818	1.88	0.031	0.892	1.82	1.78	1.83	26
27	0.014	0.088	0.088	3.14	4.37	0.821	1.87	0.030	0.874	1.82	1.74	1.82	27
28	0.018	0.088	0.083	3.15	4.38	0.822	1.87	0.028	0.885	1.83	0.850	1.84	28
29	0.018	0.073	0.088	3.15	4.38	0.827	1.88	0.027	0.882	1.81	0.021	0.211	29
30	0.014		0.088	1.88	2.81	0.850	1.88	0.028	0.882	1.80	0.020	1.87	30
31	0.014		0.088		1.80		1.80	0.030		1.80		1.88	31
TOTAL	22.888	5.244	14.847	22.806	88.715	43.848	41.824	18.884	14.378	28.478	27.882	30.088	TOTAL
MEAN	0.728	0.181	0.478	0.784	3.12	1.48	1.35	0.635	0.478	0.884	0.932	0.870	MEAN
MAX	0.880	0.588	2.20	3.15	4.87	1.80	1.84	1.58	0.833	1.87	1.78	1.87	MAX
MIN	0.014	0.004	0.041	0.038	0.088	0.850	0.048	0.024	0.018	0.017	0.014	0.014	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.982
MAXIMUM DAILY, 4.87 ON MAY 18
MINIMUM DAILY, 0.004 ON FEB 5
MAXIMUM INSTANTANEOUS,
5.87 AT 08:12 NST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 25 13 N
LONG 52 46 04 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 950	JUL	3 810
FEB	483	AUG	1 430
MAR	1 220	SEP	1 240
APR	1 980	OCT	2 380
MAY	8 380	NOV	3 380
JUN	3 800	DEC	3 900

TOTAL DISCHARGE, 31 480 dam³

REGULATED

RIVIERE JOIR NEAR PROVINCIAL BOUNDARY - STATION NO. 02XA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.70B	4.75B	3.70B	5.60B	7.20B	131	86.1	20.7	16.7	42.1	48.1	22.0 B	1
2	7.60B	4.70B	3.60B	5.55B	11.0 B	109	88.5	22.4	16.2	42.9	43.1	20.8 B	2
3	7.30B	4.65B	3.65B	5.40B	16.3 B	90.7	88.5	23.5	15.4	47.9	42.2	20.0 B	3
4	7.15B	4.60B	3.62B	5.35B	24.5 B	76.8	90.5	22.7	14.5	52.2	48.8	19.2 B	4
5	7.00B	4.55B	3.60B	5.25B	35.0 B	71.2	87.9	21.8	13.0	53.3	52.7	18.5 B	5
6	6.85B	4.50B	3.58B	5.20B	51.0 B	67.9	83.0	20.3	14.3	51.8	50.9	18.0 B	6
7	6.75B	4.45B	3.56B	5.10B	98.0 B	72.7	75.3	19.2	15.8	48.7	50.2	17.2 B	7
8	6.60B	4.40B	3.54B	5.00B	95.0 B	80.5	87.0	18.7	17.0	45.5	48.4	16.6 B	8
9	6.50B	4.35B	3.52B	4.95B	124 B	82.1	88.9	18.3	17.1	41.9	45.3	16.2 B	9
10	6.36B	4.30B	3.50B	4.90B	152	88.4	84.6	18.9	18.5	39.7	41.3	15.6 B	10
11	6.25B	4.25B	3.70B	4.80B	183	84.3	80.1	27.2	18.8	37.8	38.0	15.3 B	11
12	6.15B	4.20B	4.00B	4.75B	253	85.8	68.8	38.5	17.0	41.2	38.1	14.8 B	12
13	6.05B	4.18B	4.60B	4.70B	307	77.1	69.7	43.6	18.8	64.6	35.0	14.3 B	13
14	5.95B	4.16B	4.75B	4.62B	318	87.7	81.2	43.8	17.7	63.4	34.6	13.6 B	14
15	5.90B	4.15B	4.85B	4.56B	317	80.1	85.0	40.8	23.8	67.9	34.8	13.5 B	15
16	5.75B	4.10B	4.55B	4.50B	288	54.8	61.5	38.3	27.3	67.8	33.5	13.2 B	16
17	5.70B	4.05B	4.50B	4.45B	257	51.1	63.7	31.3	26.7	61.8	32.1	12.8 B	17
18	5.65B	4.02B	4.45B	4.40B	226	48.8	61.7	27.3	26.2	55.8	34.3	12.4 B	18
19	5.60B	4.00B	4.35B	4.35B	203	46.1	57.5	24.8	26.5	53.7	43.5	12.2 B	19
20	5.50B	3.95B	4.30B	4.30B	181	44.9	52.3	22.9	27.9	52.8	47.2	11.8 B	20
21	5.40B	3.95B	4.25B	4.25B	184	42.7	46.9	22.9	25.3	54.3	44.8	11.6 B	21
22	5.35B	3.92B	4.20B	4.20B	202	43.2	42.1	23.7	23.3	56.6	40.2B	11.2 B	22
23	5.30B	3.88B	4.15B	4.15B	186	52.6	36.7	23.4	22.5	58.1	36.6B	10.8 B	23
24	5.20B	3.85B	4.10B	4.10B	181	85.5	36.3	22.8	22.3	60.3	34.0B	10.6 B	24
25	5.15B	3.83B	4.00B	4.05B	180	113	33.4	20.8	23.2	62.1	32.0B	10.4 B	25
26	5.10B	3.80B	4.10B	4.02B	182	118	30.3	19.0	25.2	63.9	30.0B	10.2 B	26
27	5.00B	3.75B	4.35B	4.00B	181	117	27.4	18.3	30.0	66.0	28.2B	9.90B	27
28	4.95B	3.74B	4.70B	4.20B	213	121	25.1	18.3	38.1	66.2	26.5B	9.70B	28
29	4.90B	3.72B	5.00B	4.70B	217	117	23.5	17.9	39.4	63.5	24.6B	9.50B	29
30	4.85B		5.30B	5.30B	182	109	21.5	18.1	42.4	60.3	22.5B	9.30B	30
31	4.80B		5.50B		158		20.4	17.4		55.2		9.10B	31
TOTAL	184.15	120.88	128.87	140.72	5 266.00	2 462.7	1 661.2	765.0	676.8	1 693.6	1 162.7	430.90	TOTAL
MEAN	5.94	4.17	4.16	4.69	170	82.1	53.6	24.7	22.6	54.6	38.8	13.9	MEAN
MAX	7.70	4.75	5.50	5.60	318	131	88.1	43.8	42.4	67.9	52.7	22.0	MAX
MIN	4.80	3.72	3.50	4.00	7.20	42.7	20.4	17.4	13.0	37.8	22.5	9.10	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.2
MAXIMUM DAILY, 318 ON MAY 14
MINIMUM DAILY, 3.50B ON MAR 10
MAXIMUM INSTANTANEOUS,
321 AT 05:20 AST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 09 50 N
LONG 60 03 34 W
DRAINAGE AREA, 2 060 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 900	JUL	144 000
FEB	10 400	AUG	66 100
MAR	11 200	SEP	58 500
APR	12 200	OCT	146 000
MAY	455 000	NOV	100 000
JUN	213 000	DEC	37 200

TOTAL DISCHARGE, 1 270 000 dam³

ROCKY RIVER NEAR COLINET - STATION NO. 02ZK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.45B	7.30B	28.0	12.5	18.9	2.28	93.8	2.64	3.80	6.42	4.16	9.32	1
2	5.05B	6.40B	38.7	10.5	14.5	3.01	50.1	2.61	2.68	6.21	3.83	8.73	2
3	4.63B	6.15B	25.3	8.75	12.5	4.41	31.7	2.61	2.22	5.42	15.6	7.81	3
4	4.20B	7.15B	20.2	7.78	20.2	6.31	22.7	2.53	1.93	4.71	19.7	6.58	4
5	3.92B	6.70B	40.0	10.4	17.3	4.76	17.9	2.23	1.84	4.43	11.9	6.10B	5
6	3.70B	7.45B	41.7	10.6	13.2	14.8	14.1	1.92	3.61	27.7	8.84	5.55B	6
7	3.52B	7.15B	23.8	8.57	10.4	15.7	11.4	1.71	4.88	15.7	13.3	5.05B	7
8	3.24B	6.42B	22.2	7.20	14.9	11.5	10.4	1.65	3.23	9.30	19.5	4.65B	8
9	3.09B	5.65B	26.6	6.50	17.4	7.26	11.5	1.61	2.87	7.15	13.2	4.30B	9
10	2.92B	5.05B	28.1	6.27	12.9	6.61	17.1	1.58	2.26	6.39	10.8	4.00B	10
11	2.77B	4.62B	52.0	13.9	14.9	24.8	12.5	1.40	4.68	6.02	8.55	3.76B	11
12	2.62B	4.23B	53.6	23.0	12.6	18.1	10.0	1.22	5.90	15.0	11.7	3.54B	12
13	2.52B	3.88B	28.7	20.3	8.86	10.3	8.33	1.12	4.90	11.2	9.14	3.35B	13
14	2.61B	4.86B	21.7	17.2	8.44	8.31	8.31	1.53	4.02	6.79	7.63	3.18B	14
15	3.70B	6.05B	17.2	19.9	7.34	6.61	7.88	2.36	6.43	6.20	18.0	4.60B	15
16	3.41B	10.8 B	15.0	20.5	6.47	5.63	6.74	2.86	5.15	6.38	11.9	7.05B	16
17	3.19B	93.0 B	14.1	17.0	5.87	4.84	5.69	2.08	5.90	7.45	8.86	11.4 B	17
18	2.84B	62.9	12.4	14.8	5.31	11.2	5.02	2.11	7.06	6.34	6.47	9.75B	18
19	2.75B	35.8	10.8	12.0	4.89	28.3	4.82	2.88	6.29	5.61	10.2	12.9 B	19
20	2.63B	28.1	11.8	10.4	4.69	13.0	4.67	2.63	4.08	4.83	7.81	11.3 B	20
21	2.55B	30.7	12.1	12.3	3.69	9.22	5.62	2.21	3.36	4.99	9.91	10.2 B	21
22	2.40B	37.5	10.2	12.2	3.66	7.66	5.66	1.99	3.35	5.13	11.7	17.2 B	22
23	2.27B	25.6	8.83	10.6	3.89	6.06	4.96	2.11	3.18	4.77	13.3	16.9 B	23
24	2.16B	24.9	7.84	9.14	4.22	6.15	5.44	1.87	2.89	4.48	8.79	11.9 B	24
25	2.08B	65.5	7.21	7.81	4.06	9.46	4.62	1.70	2.52	4.42	9.04	9.40B	25
26	2.00B	48.8	6.61	7.28	3.76	7.03	4.23	1.53	2.44	4.88	6.60	7.70B	26
27	16.8 B	67.7	6.39	6.60	3.49	12.6	4.02	1.39	2.06	6.00	6.68	6.45B	27
28	15.4 B	63.5	12.2	6.21	3.16	19.4	3.60	1.33	1.82	6.38	6.64	5.50B	28
29	12.4 B	40.9	23.2	5.64	2.86	12.6	3.18	1.41	3.61	4.84	13.1	6.85B	29
30	10.2 B		17.0	5.37	2.86	87.1	3.01	1.45	13.9	4.88	11.9	10.9 B	30
31	6.58B		14.7		2.32		2.67	3.44		4.66		6.25B	31
TOTAL	147.92	742.85	645.68	344.42	268.12	383.38	402.66	62.96	122.70	231.61	316.76	242.90	TOTAL
MEAN	4.77	25.6	20.8	11.5	8.65	12.8	13.0	2.03	4.09	7.47	10.6	7.84	MEAN
MAX	16.8	93.0	53.6	23.0	20.2	87.1	93.8	3.44	13.9	27.7	19.7	17.2	MAX
MIN	2.00	3.88	6.39	5.37	2.32	2.28	2.67	1.12	1.84	4.42	3.83	3.18	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 93.8 ON JUL 1
MINIMUM DAILY, 1.12 ON AUG 13
MAXIMUM INSTANTANEOUS,
107E AT 16:00 NST ON FEB 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 13 28 N
LONG 53 34 08 W
DRAINAGE AREA, 285 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 800	JUL	34 800
FEB	64 200	AUG	5 440
MAR	55 800	SEP	10 600
APR	29 800	OCT	20 000
MAY	23 200	NOV	27 400
JUN	33 100	DEC	21 000

TOTAL DISCHARGE, 338 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 103 IS DUE TO CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

SALMON COVE RIVER NEAR CHAMPNEYS - STATION NO. 02ZJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.13 B	0.8908	11.3	6.84	8.23	1.82	5.18	0.387	0.0808	0.448	1.17	8.13	1
2	1.08 B	0.8108	11.3	6.72	7.32	2.12	4.88	0.388	0.0818	0.418	1.08	8.14	2
3	1.02 B	1.08 B	11.0	6.73	7.12	2.88	4.64	0.388	0.0828	0.413	2.74	6.79	3
4	0.8808	0.7808	8.72	6.88	6.81	2.82	4.18	0.388	0.0258	0.422	4.44	6.40	4
5	1.08 B	0.8008	9.40	6.80	6.62	2.81	3.83	0.388	0.0248	0.448	4.84	3.888	5
6	0.8808	0.7808	9.81	6.43	6.82	3.41	3.82	0.263	0.110	1.78	4.82	3.208	6
7	0.8208	0.8808	8.28	6.60	7.81	3.43	3.82	0.208	0.077	1.85	6.43	2.788	7
8	0.8808	0.8108	7.47	6.31	7.08	3.36	3.78	0.388	0.074	1.41	4.78	2.408	8
9	0.8008	0.8808	7.48	6.28	6.88	3.35	3.38	0.188	0.0618	1.42	6.43	2.008	9
10	0.7808	0.6808	7.88	6.86	6.18	3.36	2.18	0.172	0.0388	1.40	6.33	1.888	10
11	0.7108	0.6808	8.08	6.05	5.81	5.80	1.84	0.163	0.078	1.36	6.08	1.888	11
12	0.6708	0.6108	8.58	7.87	6.78	5.26	1.78	0.134	0.088	1.46	3.08	1.468	12
13	0.6308	0.8008	7.78	7.81	6.86	6.18	1.71	0.107	0.088	1.47	3.83	1.328	13
14	0.6808	0.8808	8.86	8.11	6.36	6.01	1.68	0.185	0.138	1.88	3.21	1.228	14
15	0.6208	0.8288	8.32	8.47	6.06	4.81	1.38	0.218	0.223	1.80	2.86	1.808	15
16	0.7808	1.26 B	8.82	8.26	4.88	4.26	1.28	0.167	0.232	1.88	2.80	2.408	16
17	0.6868	2.20 B	8.31	7.88	4.30	3.86	1.16	0.148	0.234	1.87	2.808	1.808	17
18	0.6618	7.00 B	4.86	7.44	3.84	3.80	1.12	0.142	0.218	1.88	2.328	1.808	18
19	0.6868	8.10 B	3.88	7.03	3.86	3.19	1.02	0.183	0.213	1.48	2.208	1.438	19
20	0.6908	4.80 B	3.208	6.83	3.14	2.88	0.884	0.167	0.202	1.41	2.088	1.208	20
21	0.6288	8.80 B	2.828	6.88	2.90	2.68	0.815	0.112	0.190	1.34	1.818	1.868	21
22	0.4878	8.10 B	2.588	6.32	2.83	2.37	0.668	0.134	0.184	1.28	1.808	2.108	22
23	0.4858	4.80 B	2.318	6.46	2.30	2.17	0.798	0.158	0.247	1.22	1.888	2.008	23
24	0.4408	8.80 B	2.128	6.18	2.07	2.08	0.711	0.130	0.288	1.23	1.868	1.808	24
25	0.4188	7.20 B	1.818	6.08	2.13	1.98	0.632	0.121	0.302	1.22	2.008	1.708	25
26	0.3908	6.80 B	1.778	7.10	2.14	1.86	0.887	0.112	0.282	1.31	2.58	1.808	26
27	1.82 B	10.8 B	1.88	8.38	1.94	1.83	0.508	0.086	0.234	1.34	3.80	1.428	27
28	1.22 B	12.7 B	2.01	8.82	1.78	1.78	0.470	0.072	0.193	1.38	4.53	1.318	28
29	0.8708	12.0 B	3.32	8.37	1.73	1.81	0.435	0.098	0.280	1.31	4.85	1.268	29
30	0.4208		4.02	8.08	1.63	3.72	0.437	0.085	0.483	1.27	6.22	1.188	30
31	0.8808		4.28		1.83		0.431	0.0698		1.24		1.088	31
TOTAL	34.268	102.828	182.74	195.88	142.84	84.37	87.083	5.488	4.878	39.188	86.88	88.22	TOTAL
MEAN	0.783	3.64	5.88	6.53	4.81	3.15	1.84	0.178	0.183	1.28	3.20	2.20	MEAN
MAX	1.82	12.7	11.3	8.48	8.81	8.80	5.18	0.387	0.483	1.78	8.22	8.14	MAX
MIN	0.380	0.410	1.88	4.28	1.83	1.83	0.421	0.068	0.024	0.413	1.08	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.77
MAXIMUM DAILY, 12.78 ON FEB 28
MINIMUM DAILY, 0.0248 ON SEP 8

REMARKS - THE E FOR DISCHARGE BELOW .083 IS DUE TO CURVE EXTENSION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 48 N
LONG 53 18 08 W
DRAINAGE AREA, 72.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 100	JUL	4 830
FEB	8 870	AUG	473
MAR	15 800	SEP	421
APR	16 900	OCT	3 380
MAY	12 400	NOV	8 230
JUN	8 180	DEC	6 880

TOTAL DISCHARGE, 87 000 dam³

SALMON RIVER AT BAY D'ESPOIR POWERHOUSE - STATION NO. 02ZE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.7	183	384	363	178	181	181	167	188	188	138	248	1
2	130	131	381	380	308	188	181	167	228	185	148	233	2
3	185	210	381	306	224	139	173	152	174	188	188	258	3
4	178	328	338	284	178	113	185	128	161	146	127	228	4
5	161	221	381	382	171	143	121	121	147	187	148	285	5
6	188	183	238	271	138	185	141	88.6	172	134	123	381	6
7	138	141	323	288	123	173	187	83.0	183	143	148	382	7
8	124	128	323	263	183	218	187	138	222	138	178	282	8
9	178	238	382	282	183	288	173	188	231	133	184	277	9
10	187	188	348	321	138	183	188	131	228	132	188	287	10
11	218	171	313	247	118	148	178	141	182	137	177	273	11
12	178	324	388	288	182	184	174	147	218	188	132	227	12
13	188	218	373	238	85.7	187	188	137	188	138	138	221	13
14	188	128	383	188	113	178	188	137	218	182	188	228	14
15	248	183	348	188	128	181	213	188	188	238	148	181	15
16	178	88.8	388	138	128	184	188	182	183	187	218	188	16
17	118	144	334	188	113	188	174	178	188	218	182	188	17
18	88.8	184	311	148	124	171	188	184	138	288	181	147	18
19	118	138	278	118	128	128	183	148	148	213	174	188	19
20	138	148	281	138	137	188	188	188	184	183	188	238	20
21	113	121	271	132	88.2	186	188	188	128	137	287	178	21
22	118	288	281	133	186	188	188	188	118	182	233	182	22
23	132	231	333	128	118	177	137	187	121	186	288	283	23
24	138	287	187	138	188	182	88.1	228	117	188	286	182	24
25	148	248	188	181	114	282	148	282	118	182	282	132	25
26	183	273	148	148	183	238	182	288	188	128	286	183	26
27	117	274	128	183	133	218	182	188	188	134	243	186	27
28	134	278	188	148	184	218	188	172	178	118	213	227	28
29	188	288	243	188	111	213	178	288	218	138	188	172	29
30	188		248	177	132	287	148	218	238	111	248	243	30
31	188		281		118		123	173		141		186	31
TOTAL	4 878.3	5 471.8	8 883	5 788	4 881.8	5 218	8 188.1	4 828.4	5 288	4 888	5 823	8 788	TOTAL
MEAN	147	188	287	193	132	174	188	188	172	188	187	218	MEAN
MAX	248	288	388	382	234	238	213	238	231	238	288	287	MAX
MIN	78.7	88.8	128	118	88.7	188	88.1	83.8	184	188	188	132	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 182
MAXIMUM DAILY, 388 ON MAR 18
MINIMUM DAILY, 78.7 ON JAN 1

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 58 00 N
LONG 55 51 12 W
DRAINAGE AREA, 5 810 km²

REGULATED SINCE 1987

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	395 000	JUL	448 000
FEB	473 000	AUG	426 000
MAR	788 000	SEP	448 000
APR	500 000	OCT	422 000
MAY	383 000	NOV	488 000
JUN	488 000	DEC	847 000

TOTAL DISCHARGE, 5 780 000 dam³

SALMON RIVER NEAR GLENWOOD - STATION NO. 02YQ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4688	1.20 B	13.5 B	7.88	18.0	1.71	0.831	0.194	0.335	2.88	0.888	2.85 B	1
2	0.4588	1.04 B	11.2 B	8.84	19.7	2.38	0.840	0.187	0.289	2.13	0.858	2.85 B	2
3	0.4408	0.8808	8.80 B	4.84	8.70	4.78	0.883	0.187	0.237	1.81	1.18	2.25 B	3
4	0.4308	1.45 B	8.30 B	3.78	7.14	10.2	0.882	0.168	0.287	1.23	2.88	1.80 B	4
5	0.4208	1.78 B	7.40 B	3.32	8.88	9.07	1.08	0.138	0.182	1.10	3.02	1.88 B	5
6	0.4188	1.40 B	6.80 B	2.78	8.84	8.88	1.02	0.114	0.218	5.48	2.12	1.32 B	6
7	0.4088	1.20 B	5.70 B	2.78	15.3	8.88	1.02	0.118	0.208	7.81	2.31	1.80 B	7
8	0.3888	1.00 B	4.70 B	3.11	15.8	8.13	0.888	0.107	0.224	4.38	2.88	1.88 B	8
9	0.3908	0.8408	4.00 B	3.88	8.80	5.48	0.882	0.178	0.201	2.84	3.10	1.80 B	9
10	0.3888	0.7408	3.80 B	4.40	10.8	3.01	0.844	0.820	0.177	2.24	2.88	1.38 B	10
11	0.3788	0.6208	3.30 B	8.87	17.4	2.84	0.781	0.820	0.172	1.88	2.81	1.28 B	11
12	0.3708	0.5808	3.10 B	6.88	20.1	3.21	0.717	0.828	0.188	1.88	2.88	1.18 B	12
13	0.3858	0.5008	3.88 B	4.17	17.7	3.48	0.871	0.408	0.178	1.88	2.11	1.08 B	13
14	0.4258	0.4588	4.71 B	3.58	13.2	1.84	0.888	0.333	0.284	1.47	1.72	0.9708	14
15	0.4988	0.4188	4.00 B	3.35	10.8	1.58	0.838	0.288	0.882	1.88	2.34	0.8808	15
16	0.4708	0.3808	3.81 B	3.22	8.32	1.31	0.801	0.280	0.873	1.81	2.83	0.8908	16
17	0.4508	0.3508	3.00 B	3.14	8.88	1.11	0.881	0.278	0.882	1.31	3.08	0.8308	17
18	0.4358	0.3258	2.88 B	3.28	6.44	1.03	0.887	0.284	0.880	1.14	3.00	0.8008	18
19	0.4208	0.3108	2.42 B	3.82	3.80	1.88	0.480	0.282	0.888	0.987	3.09	0.7708	19
20	0.4008	0.3008	2.22 B	3.04	3.21	2.12	0.442	0.308	0.864	0.878	2.41	0.7208	20
21	0.3908	0.4088	1.83 B	4.41	2.84	1.91	0.413	0.331	0.895	0.828	1.82	0.7008	21
22	0.3808	0.5808	1.62 B	8.50	2.44	1.88	0.404	0.478	0.838	0.804	1.40 B	1.08 B	22
23	0.3658	0.7378	1.42 B	8.81	2.24	1.88	0.383	0.874	0.832	0.880	1.28 B	1.40 B	23
24	0.3958	1.25 B	1.23 B	5.88	2.03	1.37	0.318	1.18	0.533	0.784	1.18 B	1.28 B	24
25	0.3408	1.80 B	1.12 B	5.04	1.74	1.38	0.284	1.18	0.488	0.838	1.08 B	1.12 B	25
26	0.5308	3.25 B	0.9888	4.62	1.58	1.21	0.288	0.848	0.428	0.881	1.02 B	0.8708	26
27	0.8808	5.20 B	2.80 B	4.81	2.88	1.13	0.280	0.784	0.382	1.02	0.8708	0.8708	27
28	2.15 B	8.80 B	6.00 B	7.20	3.32	1.12	0.228	0.824	0.387	1.18	0.8308	0.7808	28
29	1.85 B	14.5 B	24.8 B	8.88	2.78	1.03	0.282	0.848	0.880	1.32	2.00 B	0.7008	29
30	1.83 B		38.5 B	11.0	2.24	0.909	0.273	0.472	2.82	1.20	5.40 B	0.8408	30
31	1.48 B		18.7 B		1.81		0.234	0.402		1.18		0.8858	31
TOTAL	18.888	82.343	208.238	144.40	240.82	85.828	18.888	13.218	14.152	88.371	84.802	38.208	TOTAL
MEAN	0.808	1.80	6.85	4.81	7.77	3.20	0.810	0.428	0.472	1.82	2.18	1.26	MEAN
MAX	2.15	14.5	38.5	11.0	20.1	10.2	1.02	1.18	2.82	7.81	5.40	3.85	MAX
MIN	0.340	0.300	0.988	2.14	1.58	0.808	0.226	0.107	0.168	0.784	0.858	0.885	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 38.88 ON MAR 30
MINIMUM DAILY, 0.107 ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 41 N
LONG 84 58 03 W
DRAINAGE AREA, 80.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 830	JUL	1 830
FEB	4 520	AUG	1 140
MAR	17 800	SEP	1 220
APR	12 500	OCT	4 870
MAY	20 800	NOV	5 810
JUN	8 280	DEC	3 390

TOTAL DISCHARGE, 83 400 dam³

SALMONIER RIVER NEAR LAMALINE - STATION NO. 02ZE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.24 B	8.708	8.24	8.85	2.53	0.8008	12.8	1.81	0.732	0.807	2.78	4.88	1
2	1.10 B	8.858	14.3	8.07	2.28	4.10 E	7.08	1.80	0.822	0.888	2.20	8.42	2
3	0.8508	10.0 B	12.7	3.78	2.87 A	8.75 E	10.3	1.21	0.873	0.474	11.8	4.14	3
4	0.8588	8.308	7.44	3.02	13.0 E	4.85 E	10.1	0.978	0.832	0.807	12.8	3.18	4
5	0.8908	8.358	20.8	8.81	10.0 E	1.72 E	8.12	0.888	0.837	2.83	7.17	2.72	5
6	1.10 B	8.258	18.0	4.83	8.80 E	14.8 E	3.74	0.858	2.43	42.1	4.88	2.08 B	6
7	1.02 B	7.008	8.80	3.82	3.48 E	13.1 A	7.38	0.568	2.30	18.8	11.7	1.70 B	7
8	0.8308	8.758	20.4	3.73	4.88 E	7.47	8.48	0.488	2.07	7.38	13.7	1.41 B	8
9	0.8808	4.828	15.0	2.33	4.00 E	4.81	4.33	0.420	1.88	4.80	7.88	1.19 B	9
10	0.8858	4.238	10.8	3.40	2.70 E	8.33	2.88	0.483	1.33	4.08	8.28	1.03 B	10
11	0.7858	3.718	28.7	8.17	3.62 E	8.87	2.87	0.388	2.88	3.24	4.71	0.8888	11
12	0.7188	3.188	20.8	4.88	3.18 E	8.21	2.47	0.278	3.44	8.78	4.71	0.7858	12
13	0.8758	2.818	7.82	3.42	2.72 E	4.66	2.24	0.281	2.88	8.28	3.47	0.8808	13
14	0.8258	4.888	4.77	3.78	2.18 E	8.28	1.88	1.40	4.27	4.84	3.03	0.8008	14
15	0.8808	8.458	3.28	4.08	1.82 E	3.63	1.44	1.88	8.08	4.07	8.48	0.8388	15
16	0.8808	18.2 B	2.44	2.28	1.43 E	2.81	1.32	1.28	4.44	3.42	8.40	0.8408	16
17	0.8308	28.3 B	1.84	4.03	1.17 E	2.18	1.21	1.14	4.88	2.83	4.84	1.43 B	17
18	0.8188	23.1 B	1.73 B	14.3	0.8808	7.24	1.08	1.47	3.70	2.08	8.88	2.38 B	18
19	0.6818	18.4 B	1.82 B	14.0	0.8108	11.8	1.13	1.82	2.40	1.83	8.88	4.88 B	19
20	0.4858	15.7	1.38 B	17.8	0.7708	8.88	8.88	1.18	1.82	1.44	4.78	2.38 B	20
21	0.4858	21.8	1.21 B	28.1	0.7388	4.18	8.04	1.07	1.38	1.43	4.13	3.00 B	21
22	0.4368	22.0	1.12 B	17.8	0.8458	4.18	8.88	1.08	1.40	1.44	8.78	4.48 B	22
23	0.4188	12.3	1.01 B	11.8	0.8858	3.20	7.17	0.898	1.33	1.18	8.82	8.48 B	23
24	0.4038	27.1	0.8808	8.81	0.7808	8.48	4.38	0.874	1.01	3.70	3.13	3.78 B	24
25	0.3838	32.3	0.8908	4.18	1.17 E	7.01	8.08	0.870	0.888	2.88	1.818	3.00 B	25
26	0.7308	18.0	0.8308	3.31	0.8858	4.38	8.40	0.832	0.738	4.88	1.228	2.38 B	26
27	2.08 B	24.2	1.12	2.42	0.8108	12.4	8.17	0.427	0.858	4.77	1.118	4.08 B	27
28	18.7 B	33.4	8.84	1.83	1.00 E	12.0	3.73	0.433	0.818	3.88	3.20	3.18 B	28
29	13.2 B	18.4	19.0	1.58	0.7808	12.8	2.78	0.381	0.878	2.78	8.48	3.82 B	29
30	10.8 B		15.1	1.81	0.8408	23.8	2.08	0.408	0.704	3.88	8.48	3.42 B	30
31	8.48 B		8.88		0.8908		1.78	0.883		3.43		2.88 B	31
TOTAL	88.882	388.08	270.310	188.01	78.880	218.480	142.73	28.778	58.841	184.413	171.74	83.388	TOTAL
MEAN	2.22	13.8	8.72	8.80	2.84	7.22	4.84	0.884	1.88	4.88	5.72	2.88	MEAN
MAX	18.7	32.4	28.7	28.1	13.0	23.8	12.8	1.88	8.08	43.1	13.7	8.48	MAX
MIN	0.393	2.81	0.838	1.88	0.880	0.800	1.08	0.281	0.818	0.474	1.11	0.838	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.10
MAXIMUM DAILY, 43.1 ON OCT 8
MINIMUM DAILY, 0.281 ON AUG 13
MAXIMUM INSTANTANEOUS,
53.1 AT 03:40 NST ON OCT 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 52 38 N
LONG 55 48 38 W
DRAINAGE AREA, 118 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 850	JUL	12 400
FEB	34 600	AUG	2 310
MAR	23 400	SEP	5 070
APR	16 800	OCT	13 300
MAY	8 620	NOV	14 800
JUN	18 700	DEC	7 200

TOTAL DISCHARGE, 181 000 dam³

NEWFOUNDLAND AND LABRADOR

SANDY BROOK AT SANDY BROOK POWERHOUSE - STATION NO. 02YB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.84	4.83	30.2	40.2	58.5	17.5	4.84	4.73	7.87	2.12	8.88	10.2	1
2	6.63	4.38	48.8	40.2	58.4	18.3	5.82	5.84	8.08	7.46	8.34	10.8	2
3	4.88	4.42	52.7	36.8	60.8	19.1	14.0	2.86	0	8.77	10.2	8.33	3
4	4.83	4.32	43.8	35.1	58.0	18.6	19.2	4.02	0.823	8.08	10.0	10.7	4
5	5.27	4.42	46.3	32.8	57.1	17.1	18.0	8.34	0	4.58	8.58	8.43	5
6	3.11	4.08	43.8	32.7	27.1	16.4	17.8	12.1	0	14.8	9.84	8.44	6
7	3.88	3.37	34.0	32.0	41.8	18.3	8.83	10.3	8.10	10.8	7.78	8.37	7
8	4.58	4.02	28.1	33.8	63.8	20.0	12.4	1.90	3.12	14.2	13.8	8.34	8
9	3.68	4.47	32.0	32.4	59.8	22.4	18.1	0	5.72	8.30	15.8	8.82	9
10	4.73	4.18	18.3	33.7	32.3	21.4	11.8	0	4.78	18.8	8.87	8.34	10
11	4.22	4.28	18.3	32.7	49.3	18.3	12.3	0	2.88	11.2	13.2	8.88	11
12	5.08	3.84	20.8	31.4	48.6	18.8	10.8	0	3.68	12.1	13.0	8.80	12
13	5.44	3.51	20.9	26.8	44.7	18.0	7.33	0	1.87	8.17	10.6	8.32	13
14	4.80	4.08	20.8	24.8	38.8	18.4	12.7	0	8.14	11.2	8.10	8.80	14
15	4.81	1.78	20.6	23.8	28.8	8.81	18.1	0	0	8.48	13.8	4.88	15
16	1.78	4.02	18.3	22.2	23.1	7.11	17.2	0	3.28	8.12	12.8	8.81	16
17	3.87	4.47	16.8	21.0	18.8	16.3	7.46	0	2.81	8.33	8.41	8.80	17
18	5.32	4.46	16.8	20.8	16.8	10.4	18.0	0	3.48	---	13.8	3.03	18
19	5.84	4.42	18.2	20.3	18.7	18.2	13.8	0	2.15	8.75	8.84	8.77	19
20	4.22	3.38	17.8	19.3	18.1	10.2	17.0	0	3.74	8.88	8.80	8.27	20
21	3.85	8.86	17.3	18.2	18.8	11.7	12.8	0	8.01	3.11	8.27	8.18	21
22	1.81	4.83	12.1	18.8	8.06	8.83	7.80	0	7.88	8.80	7.88	8.38	22
23	3.81	8.13	17.2	27.8	8.87	17.0	18.8	0	7.42	8.10	8.34	8.17	23
24	8.78	7.84	11.8	31.4	8.31	8.24	11.8	0	7.78	8.87	12.1	4.22	24
25	3.24	8.41	13.7	24.1	8.04	8.18	7.38	0	8.83	8.81	17.2	8.38	25
26	1.88	7.08	11.4	23.4	11.8	8.88	10.2	0	8.21	8.88	11.7	8.34	26
27	3.31	8.18	18.3	25.8	12.3	8.84	8.81	0	8.81	7.82	8.17	8.38	27
28	4.78	18.7	17.3	26.7	7.87	8.88	8.83	0	4.22	8.31	10.8	8.31	28
29	3.74	18.8	17.3	41.8	8.88	8.14	10.4	0	8.43	8.81	18.2	8.04	29
30	4.82		26.7	44.7	8.83	8.37	8.88	0	8.41	7.89	13.2	4.78	30
31	4.38		38.2		10.7		8.88	0		3.28		4.73	31
TOTAL	131.78	181.72	764.2	835.7	828.01	427.28	370.88	47.83	138.382	---	337.88	208.08	TOTAL
MEAN	4.25	8.88	24.7	27.8	26.7	14.2	12.0	1.84	4.81	---	10.8	8.74	MEAN
MAX	8.83	18.7	52.7	44.7	58.8	22.4	18.2	12.1	8.83	---	18.2	18.8	MAX
MIN	1.88	1.78	11.4	18.8	8.04	8.24	4.88	0	0	---	8.88	3.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 58.8 ON MAY 1
MINIMUM DAILY, 0 ON AUG 8

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 53 18 N
LONG 58 48 14 W
DRAINAGE AREA, 508 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	32 000
FEB	14 000	AUG	4 140
MAR	88 000	SEP	11 700
APR	72 200	OCT	---
MAY	71 800	NOV	28 200
JUN	36 900	DEC	18 100

SEAL COVE BROOK NEAR CAPPAHAYDEN - STATION NO. 02ZM009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20	1.89	7.85	2.38	3.37	0.809	2.00	1.83	0.840	0.772	1.48	1.82	1
2	1.17	1.81	8.81	2.23	2.98	1.04	2.03	1.85	0.873	0.800	1.20	2.81	2
3	1.14 B	3.85	7.81	1.88	3.12	1.41	2.08	1.38	0.484	0.788	3.28	2.38	3
4	1.08 B	3.58	8.88	1.86	7.42	1.82	1.88	1.18	0.488	0.718	8.80	2.00	4
5	1.28 B	2.82	10.0	1.83	8.82	1.37	1.77	0.887	0.432	0.707	3.83	3.41	5
6	1.48	3.48	11.1	1.88	4.33	2.28	1.88	0.878	0.880	2.88	2.88	3.14	6
7	1.38	2.77	7.38	1.84	3.30	2.87	1.41	0.787	1.08	2.88	8.87	1.73	7
8	1.31	2.10	8.88	1.41	4.02	2.38	1.48	0.738	0.878	3.05	8.20	1.88	8
9	1.12	1.78	14.4	1.28	3.83	1.88	1.47	0.883	0.821	1.74	8.48	1.43	9
10	1.08 B	1.47	10.8	18.4	3.08	2.87	1.38	0.848	0.795	2.47	4.44	1.37	10
11	0.8808	1.38	8.82	17.3	7.48	8.88	1.72	0.802	1.18	2.38	3.81	1.17	11
12	0.8288	1.08	10.2	12.8	8.78	4.34	1.71	0.888	1.70	4.58	3.48	1.08 B	12
13	0.8508	0.858	7.03	9.23	4.20	3.38	1.82	0.842	1.38	4.00	2.78	0.8808	13
14	0.8608	1.82	8.00	7.17	3.22	2.87	1.88	0.828	1.18	3.24	2.11	0.8008	14
15	1.80 B	1.81	3.88	8.78	3.48	3.44	1.88	1.28	1.87	2.80	3.78	3.37	15
16	1.38 B	2.13	3.38	4.38	1.83	1.88	1.43	1.13	1.88	2.44	3.37	8.87	16
17	1.22 B	13.2	3.01	3.28	1.88	1.88	1.18	0.888	2.88	1.88	3.80	4.88	17
18	1.02 B	12.0	2.38	2.84	1.31	1.80	1.10	8.42	3.33	1.80	2.33	8.13	18
19	0.8108	7.47	2.08	2.81	1.18	3.38	1.05	8.78	2.18	1.38	2.88	8.83	19
20	0.8008	4.78	8.43	2.83	1.08	3.08	1.10	3.18	1.88	1.18	2.08	4.38	20
21	0.8808	12.4	4.308	8.81	0.833	2.47	1.07	2.22	1.38	1.11	2.20	4.87	21
22	0.8108	14.8	3.808	8.82	0.884	2.18	1.13	1.78	1.18	1.00	7.38	8.88	22
23	0.7888	8.83	2.808	8.18	0.838	1.78	1.80	1.43	0.888	0.818	4.88	8.38	23
24	0.7808	8.87	2.38	4.88	0.804	1.78	1.48	1.18	0.882	0.801	2.80	4.08	24
25	0.7108	24.8	2.07	3.88	0.734	1.88	2.13	1.00	0.774	0.823	2.88	3.89	25
26	1.88	18.1	1.81	2.88	0.882	1.42	8.88	0.888	0.783	1.78	2.88	3.18	28
27	8.43	13.7	1.78	2.48	0.838	1.37	4.78	0.818	0.840	2.88	2.17	2.73	27
28	7.31	14.8	1.88	2.82	0.870	1.30	3.30	0.738	0.883	1.87	1.82	3.08	28
29	4.88	11.1	2.13	1.88	0.818	1.28	2.48	0.888	0.878	1.48	1.88	8.38	29
30	3.28		2.24	1.78	0.484	1.48	1.81	0.828	0.728	1.88	1.88	8.88	30
31	2.40		2.41		0.400		1.84	0.828		1.72		3.78 B	31
TOTAL	88.438	187.188	188.87	135.88	78.883	88.188	88.73	43.888	34.388	87.374	100.08	101.888	TOTAL
MEAN	1.78	8.80	8.44	4.83	2.88	2.17	1.88	1.41	1.14	1.88	3.33	3.27	MEAN
MAX	8.43	24.8	14.4	17.2	7.48	8.88	8.88	8.42	3.33	4.88	8.20	8.88	MAX
MIN	0.710	0.888	1.74	1.28	0.400	0.888	1.88	0.842	0.432	0.707	1.20	0.888	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.00
MAXIMUM DAILY, 24.8 ON FEB 25
MINIMUM DAILY, 0.400 ON MAY 31
MAXIMUM INSTANTANEOUS,
30.8E AT 12:88 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 50 N
LONG 52 58 27 W
DRAINAGE AREA, 83.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

REMARKS - THE E FOR DISCHARGE ABOVE 27.4 IS DUE TO CURVE EXTENSION

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 780	JUL	5 870
FEB	17 000	AUG	3 780
MAR	14 800	SEP	3 880
APR	11 700	OCT	4 880
MAY	8 830	NOV	8 840
JUN	5 830	DEC	8 770

TOTAL DISCHARGE, 84 700 dam³

SHEARSTOWN BROOK AT SHEARSTOWN - STATION NO. 02ZL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3368	0.480	2.06	1.15	2.01	0.358	0.80	0.301	0.300	0.898	0.346	0.913	1
2	0.3028	0.472	1.86	0.840	1.63	0.856	2.39	0.286	0.245	0.818	0.324	0.822	2
3	0.2848	0.8208	1.72	0.778	1.40	0.738	2.13	0.261	0.206	0.486	1.03	0.782	3
4	0.2708	0.8858	1.58	0.677	2.47	0.881	1.81	0.235	0.180	0.412	1.41	0.885	4
5	0.2838	0.8088	4.61	0.888	2.35	0.808	1.83	0.204	0.193	0.387	0.897	0.785	5
6	0.2408	0.4188	4.22	0.881	1.58	1.01	0.840	0.182	0.180	1.05	0.884	0.881	6
7	0.2328	0.3408	2.16	0.788	1.14	0.884	0.858	0.176	0.189	0.880	1.02	0.5158	7
8	0.2288	0.2868	2.70	0.708	2.08	0.888	0.828	0.180	0.170	0.818	1.33	0.4758	8
9	0.2158	0.2338	4.37	0.648	2.17	0.828	0.882	0.188	0.148	0.518	0.978	0.4608	9
10	0.2068	0.2088	3.49	0.874	1.86	0.733	0.782	0.176	0.142	0.480	0.882	0.3868	10
11	0.1938	0.1888	8.13	1.17	2.84	2.38	1.23	0.170	0.188	0.418	0.875	0.3888	11
12	0.1868	0.1888	4.67	2.84	1.70	1.34	1.08	0.183	0.204	0.804	1.02	0.3408	12
13	0.1818	0.1818	2.88	2.12	1.18	0.928	0.812	0.184	0.203	0.745	0.781	0.3188	13
14	0.1938	0.1888	1.81	1.72	0.972	0.787	0.722	0.288	0.244	0.847	0.685	0.3008	14
15	0.2818	0.2388	1.42	1.88	0.887	0.841	0.692	0.332	0.348	0.825	0.825	0.5008	15
16	0.2328	0.8508	1.19 B	1.78	0.848	0.848	0.648	0.288	0.305	0.717	0.670	1.05 B	16
17	0.2108	8.40 B	1.02 B	1.28	0.748	0.858	0.488	0.231	0.342	0.588	0.807	0.8108	17
18	0.1948	5.80	0.8708	1.01	0.637	0.834	0.468	0.304	0.378	0.528	0.788	0.6358	18
19	0.1788	2.88	0.7858	0.881	0.877	1.82	0.412	0.381	0.291	0.800	0.632	0.7858	19
20	0.1598	1.84	0.8608	0.788	0.828	0.880	0.418	0.288	0.280	0.428	0.782	0.6808	20
21	0.1648	2.08	0.8158	1.52	0.484	0.880	0.468	0.280	0.240	0.418	0.878	0.6208	21
22	0.1808	2.88	0.8858	1.16	0.448	0.848	0.374	0.324	0.214	0.418	1.78	1.32 B	22
23	0.1928	2.07	0.5208	1.10	0.411	0.482	0.384	0.332	0.184	0.388	1.48	1.13 B	23
24	0.1838	3.06	0.4788	0.907	0.412	0.867	0.338	0.280	0.177	0.418	1.00	0.8608	24
25	0.1498	9.08	0.4508	0.748	0.388	0.758	0.288	0.248	0.180	0.488	0.8408	0.7208	25
26	0.2008	4.04	0.4228	0.784	0.387	0.668	0.282	0.223	0.148	0.518	0.783	0.6258	26
27	0.7008	4.23	0.3868	0.813	0.367	0.778	0.271	0.203	0.142	0.888	1.14	0.5758	27
28	4.70	4.84	1.27	0.701	0.328	0.858	0.247	0.208	0.143	0.520	1.47	0.5208	28
29	1.88	3.21	1.08	0.582	0.283	1.18	0.408	0.203	0.484	0.484	1.83	0.7208	29
30	0.8008		1.80	0.898	0.288	10.8	0.448	0.219	1.78	0.421	1.13	1.36 B	30
31	0.898		1.43		0.358		0.348	0.311		0.388		0.8708	31
TOTAL	14.488	58.582	58.327	32.775	34.001	34.785	29.885	7.800	5.310	17.388	29.185	21.832	TOTAL
MEAN	0.487	2.05	1.88	1.08	1.10	1.16	0.884	0.245	0.277	0.580	0.872	0.704	MEAN
MAX	4.70	8.08	8.13	2.84	3.47	10.8	8.80	0.381	1.78	1.05	1.78	1.36	MAX
MIN	0.148	0.181	0.395	0.582	0.288	0.358	0.247	0.184	0.142	0.387	0.324	0.300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.881
MAXIMUM DAILY, 10.8 ON JUN 30
MINIMUM DAILY, 0.142 ON SEP 10
MAXIMUM INSTANTANEOUS,
16.8E AT 14:43 NST ON FEB 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 02 N
LONG 53 18 28 W
DRAINAGE AREA, 38.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	2 580
FEB	5 150	AUG	857
MAR	5 040	SEP	718
APR	2 830	OCT	1 800
MAY	2 940	NOV	2 520
JUN	3 000	DEC	1 880

TOTAL DISCHARGE, 30 100 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 15.8 IS DUE TO CURVE EXTENSION

SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY - STATION NO. 02YX005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.608	3.008	7.808	30.6	25.8	25.8	12.0	4.78	2.33	8.24	8.30	8.58	1
2	4.308	3.958	8.32	30.1	25.7	28.2	11.8	4.48	2.17	8.10	8.22	9.38	2
3	4.208	3.858	8.10	28.8	24.8	29.7	13.6	4.01	2.08	8.07	7.18	9.24	3
4	4.108	3.708	8.88	28.8	24.2	33.2	14.8	3.71	1.91	8.78	8.24	9.02	4
5	4.008	3.858	10.2	28.4	23.2	34.1	13.7	3.47	1.88	8.80	8.48	8.48	5
6	3.908	3.408	10.4	33.3	25.2	33.8	13.4	3.28	2.01	10.8	8.89	7.85	6
7	3.808	3.308	10.8	31.8	32.4	40.7	13.8	3.03	1.81	12.2	8.59	7.35	7
8	3.788	3.258	10.5	30.6	33.7	38.8	11.7	2.85	1.81	11.8	10.2	8.94	8
9	3.858	3.188	10.3	19.8	36.8	35.8	10.4	2.77	1.88	11.8	11.1	8.80	9
10	3.888	3.088	9.81	22.3	43.4	31.4	10.1	3.81	1.77	11.4	11.1	8.15	10
11	3.608	2.858	10.7	24.8	85.2	27.8	9.32	2.88	2.87	11.2	11.8	8.88	11
12	3.488	2.808	12.8	22.8	74.2	24.8	10.8	2.75	3.27	10.8	12.8	8.24	12
13	3.388	2.888	12.8	21.4	81.8	22.3	21.0	2.84	3.28	10.0	11.8	4.82	13
14	3.608	2.808	13.0	19.7	88.8	18.8	17.0	2.81	4.15	8.87	11.2	4.88	14
15	4.808	2.758	13.0	18.0	101	17.7	15.8	2.33	4.88	8.37	10.8	3.80	15
16	3.808	2.708	12.7	18.7	82.2	15.8	15.1	2.21	4.04	8.85	10.8	4.288	16
17	3.608	2.888	12.1	18.8	83.7	14.1	14.0	2.18	3.88	8.28	10.8	3.808	17
18	3.48	2.808	11.2	18.5	80.1	13.1	12.7	2.88	3.83	7.74	10.8	3.758	18
19	3.38	2.588	10.4	14.8	77.8	12.8	11.8	3.80	3.88	7.35	10.8	3.888	19
20	3.81	2.808	9.88	14.2	72.4	11.8	10.8	3.08	3.82	6.89	9.73	3.488	20
21	3.80	2.888	9.23	15.8	88.4	10.8	10.0	2.78	3.84	6.88	9.18	3.898	21
22	4.008	3.208	8.88	15.1	86.4	10.2	9.20	2.80	3.81	6.78	8.82	3.838	22
23	3.888	3.858	7.92	14.8	88.8	9.72	8.43	3.28	3.82	6.84	8.06	3.748	23
24	3.788	4.188	7.38	14.3	83.1	8.05	7.77	3.27	3.84	6.88	7.58	3.808	24
25	3.888	5.208	7.05	13.8	48.0	8.22	7.28	3.14	3.87	6.44	7.20	3.388	25
26	3.888	4.808	8.81	13.8	48.0	7.74	8.75	3.05	3.33	8.22	6.95	3.108	26
27	3.488	4.608	7.38	14.5	43.8	7.37	8.22	2.82	3.23	5.12	6.70	2.808	27
28	3.408	5.808	14.8	16.2	39.4	7.03	5.80	2.78	3.27	5.07	6.51	2.668	28
29	3.308	8.608	22.1	16.0	35.1	8.11	5.48	2.88	7.45	5.05	10.4	2.488	29
30	3.208		26.8	33.2	31.4	13.2	5.20	2.83	8.78	5.80	8.88	2.318	30
31	3.108		28.4		27.4		4.95	2.80		5.48		2.158	31
TOTAL	114.93	102.83	382.28	592.2	1 843.4	804.84	340.08	83.84	100.24	248.88	278.21	158.70	TOTAL
MEAN	3.71	3.54	11.7	18.7	83.0	20.2	11.0	3.03	3.34	7.98	8.21	5.05	MEAN
MAX	4.80	8.80	28.4	30.6	101	40.7	21.0	4.78	7.48	12.2	12.8	8.58	MAX
MIN	3.10	2.80	8.81	13.8	24.2	7.37	4.95	2.18	1.77	5.48	8.22	2.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.7
MAXIMUM DAILY, 101 ON MAY 15
MINIMUM DAILY, 1.77 ON SEP 10
MAXIMUM INSTANTANEOUS,
105 AT 01:04 NST ON MAY 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 20 11 N
LONG 58 28 58 W
DRAINAGE AREA, 381 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 830	JUL	29 400
FEB	8 880	AUG	8 120
MAR	31 300	SEP	8 680
APR	61 200	OCT	21 300
MAY	142 000	NOV	23 800
JUN	82 200	DEC	13 800

TOTAL DISCHARGE, 400 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "SHEFFIELD RIVER NEAR TRANS CANADA HIGHWAY" TO 1985.

NEWFOUNDLAND AND LABRADOR

SNOAL ARM BROOK NEAR BADGER BAY - STATION NO. 02YP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.430B	0.680B	7.20 B	8.28	6.78	3.38	1.24	0.389	0.178	1.82	0.848	3.08	1
2	0.405B	0.780B	6.85 B	6.38	7.00	5.57	1.84	0.331	0.158	1.43	0.889	2.38	2
3	0.380B	1.02 B	6.01 B	4.86	8.28	10.2	2.65	0.325	0.138	1.13	2.77	1.89	3
4	0.370B	0.820B	4.30 B	3.88	4.48	12.8	2.79	0.286	0.144	0.873	3.20	1.40 B	4
5	0.480B	0.840B	3.70 B	3.27	8.87	10.0	2.24	0.270	0.161	0.780	2.78	1.25 B	5
6	0.430B	0.780B	3.20 B	2.93	8.88	8.87	1.78	0.231	0.148	3.18	2.32	1.88 B	6
7	0.418B	0.700B	2.70 B	2.78	7.88	12.2	1.42	0.208	0.136	3.43	2.58	1.90 B	7
8	0.400B	0.840B	2.35 B	2.83	7.87	8.32	1.19	0.215	0.133	2.88	2.87	1.38 B	8
9	0.380B	0.580B	1.88 B	2.78	8.01	8.32	1.00	0.212	0.128	1.81	2.82	1.18 B	9
10	0.380B	0.510B	1.77 B	3.07	11.1	3.88	0.808	0.204	0.112	1.82	2.78	1.07 B	10
11	0.370B	0.480B	2.50 B	4.26	17.7	2.81	0.858	0.232	0.117	1.70	2.88	0.880B	11
12	0.358B	0.440B	3.01 B	3.82	23.8	2.36	0.844	0.218	0.178	1.48	2.83	0.880B	12
13	0.345B	0.400B	3.80 B	3.05	28.0	1.78	1.27	0.184	0.180	1.12	2.31	0.830B	13
14	0.430B	0.370B	3.01 B	2.80	21.8	1.83	1.37	0.185	0.410	1.10	2.06	0.780B	14
15	0.405B	0.340B	2.80 B	2.71	19.3	1.38	1.34	0.184	0.807	1.07	1.84	0.740B	15
16	0.385B	0.301B	1.95 B	2.18	14.2	1.20	1.17	0.132	0.553	0.979	1.62	0.680B	16
17	0.380B	0.288B	1.58 B	2.08	13.3	0.873	0.978	0.088	0.758	0.824	1.48	0.650B	17
18	0.385B	0.280B	1.38 B	2.18	13.6	1.01	0.841	0.138	0.680	0.823	1.46	0.610B	18
19	0.380B	0.240B	1.22 B	2.13	11.0	1.44	0.730	0.358	0.588	0.770	1.22	0.588B	19
20	0.340B	0.215B	1.10 B	2.10	10.8	1.39	0.874	0.290	0.558	0.875	1.07	0.580B	20
21	0.330B	0.238B	0.980B	4.18	11.8	1.27	0.843	0.230	0.458	0.867	1.01	0.680B	21
22	0.320B	0.260B	0.920B	5.60	9.82	1.05	0.670	0.270	0.388	0.858	0.858	0.900B	22
23	0.305B	0.341B	0.850B	5.48	8.87	1.02	0.518	0.382	0.418	0.877	0.800B	0.800B	23
24	0.295B	0.570B	0.780B	4.78	7.84	0.897	0.465	0.303	0.414	0.848	0.710B	0.725B	24
25	0.285B	0.670B	0.740B	3.79	8.57	0.758	0.438	0.295	0.358	0.702	0.680B	0.680B	25
26	0.370B	1.52 B	0.880B	3.21	8.41	0.708	0.410	0.234	0.278	0.713	0.610B	0.640B	26
27	0.740B	2.50 B	0.820B	3.33	7.42	0.879	0.423	0.228	0.227	0.881	0.700B	0.800B	27
28	1.60 B	4.30 B	1.85 B	4.82	8.88	1.11	0.380	0.212	0.204	0.733	1.04	0.570B	28
29	1.33 B	8.80 B	3.90 B	8.11	4.31	1.18	0.388	0.228	1.18	0.783	3.10	0.548B	29
30	1.18 B		20.8	7.33	3.84	1.18	0.388	0.204	1.78	0.733	3.82	0.520B	30
31	0.850B		13.4		2.88		0.374	0.188		0.848		0.500B	31
TOTAL	15.373	30.167	105.780	115.30	315.45	105.073	31.817	7.328	11.728	37.045	55.906	31.825	TOTAL
MEAN	0.496	1.04	3.41	3.84	10.2	3.50	1.03	0.236	0.391	1.20	1.88	1.02	MEAN
MAX	1.60	8.80	20.8	8.28	28.0	12.8	2.65	0.382	1.78	3.43	3.82	3.08	MAX
MIN	0.285	0.215	0.880	2.08	2.88	0.708	0.365	0.088	0.112	0.577	0.588	0.500	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.36
MAXIMUM DAILY, 28.0 ON MAY 13
MINIMUM DAILY, 0.088 ON AUG 17
MAXIMUM INSTANTANEOUS,
27.2 AT 19:52 NST ON MAY 12

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 18 N
LONG 55 48 44 W
DRAINAGE AREA, 83.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 330	JUL	2 750
FEB	2 610	AUG	833
MAR	9 140	SEP	1 010
APR	9 980	OCT	3 200
MAY	27 300	NOV	4 830
JUN	9 080	DEC	2 730

TOTAL DISCHARGE, 74 800 dam³

SNOAL HARBOUR RIVER NEAR CLARENVILLE - STATION NO. 02ZJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14 B	1.25 B	16.0 B	10.5	11.2	1.37	6.13	0.488	0.188	0.582	1.45	8.03	1
2	1.02 B	1.10 B	15.2	8.87	11.0	2.18	6.81	0.403	0.181	0.497	1.35	8.48	2
3	0.930B	1.78 B	13.8	8.82	9.80	2.88	8.58	0.461	0.172	0.500	5.85	5.11	3
4	0.820B	1.50 B	11.0	8.04	15.3	2.82	7.88	0.478	0.137	0.448	5.14	4.51	4
5	1.08 B	1.30 B	12.7	7.27	12.8	3.39	8.44	0.480	0.144	0.488	4.07	3.98	5
6	0.950B	1.15 B	13.8	8.90	11.0	5.12	5.44	0.384	0.133	3.92	3.88	2.48	6
7	0.800B	1.01 B	10.3	8.38	10.8	10.8	4.77	0.333	0.150	2.48	3.74	3.228	7
8	0.890B	0.900B	8.81	8.10	10.3	7.26	4.21	0.318	0.128	2.04	3.81	2.808	8
9	0.800B	0.810B	8.38	8.75	8.20	6.03	3.87	0.352	0.121	1.84	3.62	2.658	9
10	0.630B	0.780B	7.37	7.14	8.08	8.16	3.14	0.352	0.098	1.89	3.84	2.428	10
11	0.490B	0.680B	10.5	8.11	8.27	8.58	2.83	0.322	0.132	1.88	3.48	2.208	11
12	0.458B	0.630B	11.2	9.72	7.68	6.81	2.64	0.258	0.117	1.63	3.21	2.028	12
13	0.580B	0.770B	9.15	8.98	7.15	6.47	2.50	0.259	0.127	1.80	2.88	1.888	13
14	0.700B	1.00 B	7.87	8.13	6.25	5.74	2.32	0.377	0.281	1.84	2.74	1.708	14
15	1.00 B	1.38 B	8.34	7.78	5.58	4.82	2.13	0.428	0.407	1.70	4.31	2.268	15
16	0.850B	8.00 B	5.48	7.87	4.84	4.04	1.88	0.338	0.292	2.17	3.83	2.868	16
17	0.780B	10.0 B	4.83	7.32	4.20	3.48	1.68	0.305	0.267	1.88	3.33	2.568	17
18	0.720B	8.40 B	4.28	7.18	3.88	3.32	1.58	0.328	0.318	1.88	3.00	2.288	18
19	0.610B	7.80 B	3.88	7.07	3.52	3.48	1.31	0.372	0.315	1.87	2.78	2.008	19
20	0.540B	7.00 B	3.208	8.78	3.10	2.98	1.28	0.340	0.318	1.44	2.81	1.708	20
21	0.480B	8.10 B	2.858	13.4	2.81	2.84	1.27	0.323	0.303	1.38	2.068	2.258	21
22	0.440B	9.30 B	2.608	10.7	2.20	2.32	1.20	0.281	0.284	1.40	1.848	2.808	22
23	0.400B	8.00 B	2.288	9.80	2.08	2.00	1.06	0.272	0.288	1.33	1.388	2.628	23
24	0.380B	9.30 B	2.068	9.02	1.81	2.37	0.932	0.281	0.303	1.23	1.13	2.408	24
25	0.320B	12.2 B	1.908	8.34	2.05	2.11	0.837	0.271	0.280	1.24	1.88	2.228	25
26	1.00 B	18.7 B	1.758	7.82	2.14	1.80	0.758	0.286	0.287	1.88	1.85	2.028	26
27	3.10 B	22.0 B	2.42	7.48	1.87	1.78	0.858	0.241	0.280	1.88	2.80	1.888	27
28	2.50 B	25.0 B	7.00	7.88	1.80	1.78	0.810	0.238	0.242	1.88	4.20	1.788	28
29	2.05 B	22.5 B	12.2	7.81	1.82	1.87	0.585	0.215	0.341	1.88	8.88	1.848	29
30	1.70 B		12.8	7.88	1.48	11.0	0.584	0.208	0.873	1.88	7.18	1.848	30
31	1.45 B		11.8		1.28		0.548	0.208		1.88		1.478	31
TOTAL	29.030	180.130	244.78	248.11	184.80	127.10	88.120	10.217	7.334	48.223	100.81	82.94	TOTAL
MEAN	0.936	6.88	7.90	8.20	5.88	4.24	2.84	0.330	0.244	1.88	3.35	2.88	MEAN
MAX	3.10	25.0	18.0	13.4	15.3	11.0	6.88	0.488	0.873	2.82	8.88	8.03	MAX
MIN	0.320	0.830	1.78	5.75	1.28	1.37	0.548	0.208	0.088	0.448	1.13	1.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.71
MAXIMUM DAILY, 25.08 ON FEB 25
MINIMUM DAILY, 0.088 ON SEP 10

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 12 24 N
LONG 54 02 23 W
DRAINAGE AREA, 106 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 510	JUL	7 810
FEB	10 400	AUG	883
MAR	21 100	SEP	834
APR	21 300	OCT	4 170
MAY	18 000	NOV	8 880
JUN	11 000	DEC	7 170

TOTAL DISCHARGE, 117 000 dam³

SOUTH BROOK AT PASADENA - STATION NO. 02YL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2908	0.4388	1.50 B	3.67	6.42	2.08	1.28	0.418	0.283	1.58	0.853	2.30	1
2	0.2808	0.8408	1.20 B	3.37	4.44	3.31	2.80	0.388	0.286	1.32	0.845	1.83	2
3	0.2708	0.8808	1.55 B	2.83	3.42	3.11	2.88	0.343	0.286	0.948	3.11	1.85 B	3
4	0.2858	0.7708	1.35 B	2.83	3.36	2.20	1.54	0.341	0.281	1.08	2.55	1.40 B	4
5	0.2908	0.8808	1.15 B	2.58	4.80	2.80	1.01	0.338	0.287	1.31	2.02	1.25 B	5
6	0.2538	0.8008	0.8508	3.11	8.17	4.80	0.782	0.308	0.288	8.10	1.80	1.15 B	6
7	0.2458	0.5408	0.8008	3.54	8.38	5.03	0.885	0.288	0.277	4.87	1.67	1.83 B	7
8	0.2408	0.4808	0.7008	3.18	8.15	2.98	0.818	0.317	0.288	2.20	1.77	1.25 B	8
9	0.2388	0.4438	0.6808	2.82	8.33	2.03	0.808	0.330	0.283	1.48	1.55	1.10 B	9
10	0.2288	0.4008	0.6878	4.11	8.34	1.82	0.888	0.457	0.288	2.07	1.84	0.8708	10
11	0.2308	0.3788	0.5808	4.11	13.4	1.38	0.822	0.831	1.74	1.88	4.31	0.8708	11
12	0.2188	0.3588	0.7808	3.48	15.5	1.32	0.801	0.388	2.02	1.48	3.78	0.7808	12
13	0.2108	0.3408	0.8808	1.94	13.1	1.18	4.84	0.340	1.38	1.21	1.87	0.7208	13
14	0.2408	0.3208	0.8208	1.88	9.73	1.09	1.70	0.302	1.88	1.08	1.88	0.8808	14
15	0.4408	0.3008	0.8708	1.83	7.89	1.02	1.13	0.301	1.38	1.08	3.08	0.8208	15
16	0.8008	0.2858	0.5208	1.70	4.88	1.01	0.888	0.278	1.07	0.851	2.28	0.5708	16
17	0.5208	0.2738	0.4808	1.84	8.84	0.828	0.787	0.258	1.18	0.884	1.78	0.5408	17
18	0.4858	0.2638	0.4408	2.10	10.6	2.35	0.882	0.674	0.835	0.828	5.81	0.5108	18
19	0.4608	0.2538	0.4008	2.22	7.63	3.23	0.886	0.888	0.818	0.817	3.30	0.4858	19
20	0.4208	0.2408	0.3788	2.18	6.87	1.88	1.21	0.872	0.820	0.712	1.83	0.4558	20
21	0.3458	0.2808	0.2458	3.12	7.87	1.32	1.24	0.551	0.481	1.58	1.48	1.20 B	21
22	0.3628	0.3008	0.3258	2.88	8.38	1.22	0.784	0.875	0.417	1.21	1.18 B	1.03 B	22
23	0.3458	0.3408	0.3088	3.58	4.24	1.18	0.823	0.878	0.426	0.911	1.01 B	0.9008	23
24	0.3308	0.3848	0.2908	3.33	4.82	1.11	0.831	0.818	0.428	1.13	0.9008	0.7908	24
25	0.3008	0.5008	0.2808	2.58	3.48	1.04	0.474	0.480	0.414	0.980	0.8008	0.7108	25
26	0.3608	0.7808	0.8008	3.38	4.82	0.878	0.440	0.418	0.424	1.03	0.7208	0.8408	26
27	0.4508	1.10 B	1.20 B	3.88	7.17	1.01	0.407	0.338	0.428	0.928	1.00 B	0.8808	27
28	0.5308	1.80 B	12.0 B	4.88	3.77	1.83	0.402	0.318	0.482	1.15	1.08	0.8258	28
29	0.5038	2.00 B	12.4	5.21	2.71	2.07	0.858	0.302	4.18	0.888	17.8	0.4808	29
30	0.4808		8.47	8.47	3.04	1.88	0.481	0.308	2.40	0.985	4.14	0.4408	30
31	0.4808		4.84		1.82		0.440	0.318		0.882		0.4108	31
TOTAL	10.891	16.088	88.707	83.13	207.72	88.733	31.878	13.938	28.427	47.384	78.488	28.478	TOTAL
MEAN	0.351	0.885	1.83	3.10	6.70	1.98	1.02	0.450	0.848	1.53	2.82	0.918	MEAN
MAX	0.800	2.00	12.4	8.47	15.5	5.03	4.84	0.978	4.18	8.10	17.8	2.30	MAX
MIN	0.210	0.240	0.348	1.83	1.82	0.828	0.402	0.258	0.258	0.712	0.720	0.410	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 17.8 ON NOV 29
MINIMUM DAILY, 0.2108 ON JAN 13
MAXIMUM INSTANTANEOUS,
33.3 AT 08:48 NST ON NOV 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 43 N
LONG 57 38 47 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	941	JUL	2 740
FEB	1 390	AUG	1 200
MAR	4 800	SEP	2 200
APR	8 050	OCT	4 090
MAY	17 900	NOV	6 780
JUN	8 070	DEC	2 480

TOTAL DISCHARGE, 57 700 dam³

SOUTH BROOK AT PEARL TOWN ROAD - STATION NO. 02ZM021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1308	0.1308	0.837	0.740	0.817	0.888	0.872	0.883	0.103	0.228	0.085	0.414	1
2	0.1208	0.1858	3.08	0.884	0.710	0.852	0.341	0.873	0.087	0.148	0.080	0.488	2
3	0.1088	0.2188	1.28	0.432	1.18	0.471	0.281	0.857	0.120	0.118	1.72	0.347	3
4	0.1048	0.1908	0.843	0.382	2.50	0.313	0.213	0.884	0.884A	0.102	0.830	0.318	4
5	0.1138	0.1808	2.81	0.839	0.880	0.282	0.147	0.848	0.852E	0.092	0.440	0.388	5
6	0.0828	0.1408	1.38	0.841	0.882	0.442	0.136	0.838	0.884E	0.837	0.384	0.284	6
7	0.0788	0.1208	0.723	0.384	0.437	0.443	0.240	0.833	0.852E	0.327	0.857	0.2508	7
8	0.0888	0.0888	1.12	0.342	0.831	0.304	0.187	0.838	0.841A	0.208	0.888	0.331	8
9	0.0808	0.108	5.74	0.314	0.850	0.201	0.207	0.838	0.838	0.180	0.478	0.238	9
10	0.0838	0.078	1.28	0.378	0.803	0.414	0.181	0.834	0.829	0.307	0.488	0.187	10
11	0.0488	0.084	3.85	1.87	1.62	0.482	0.128	0.838	0.245	0.288	0.412	0.1808	11
12	0.045	0.0548	1.32	4.28	0.818	0.284	0.138	0.838	0.188	0.815	0.448	0.1588	12
13	0.039	0.0488	0.713	1.03	0.444	0.207	0.118	0.838	0.188	0.407	0.387	0.1588	13
14	0.0888	0.744	0.872	0.808	0.378	0.188	0.128	0.188	0.188	0.338	0.328	0.1488	14
15	0.0808	0.820	0.478	1.34	0.337	0.148	0.108	0.183	0.188	0.283	0.818	0.787	15
16	0.0528	0.535	0.440	0.880	0.280	0.123	0.100	0.084	0.113	0.284	0.477	1.08	16
17	0.0478	4.28	0.398	0.880	0.243	0.102	0.083	0.088	0.095	0.210	0.804	0.633	17
18	0.0438	1.81	0.412	0.588	0.218	0.228	0.078	0.381	0.078	0.184	0.438	0.885	18
19	0.0388	0.843	0.428	0.474	0.183	0.388	0.088	0.284	0.083	0.148	0.428	0.722	19
20	0.0388	0.809	0.513	0.588	0.178	0.188	0.117	0.148	0.848	0.141	0.371	0.440	20
21	0.0388	1.02	0.500	2.89	0.158	0.128	0.111	0.102	0.081	0.182	0.298	0.787	21
22	0.0428	1.31	0.384	1.02	0.154	0.103	0.078	0.084	0.081	0.143	0.822	1.01	22
23	0.0368	0.888	0.338	1.13	0.158	0.088	0.087	0.087	0.083	0.121	0.858	0.648	23
24	0.0338	2.83	0.281	0.828	0.188	0.148	0.078	0.178	0.044	0.131	0.400	0.418	24
25	0.0308	7.20	0.228	0.514	0.134	0.092	0.070	0.084	0.032	0.141	0.312	0.370	25
26	0.1808	1.88	0.230	0.528	0.117	0.073	0.072	0.847	0.033	0.143	0.318	0.312A	26
27	0.5208	2.83	0.810	0.838	0.110	0.288	0.088	0.841	0.025	0.141	0.885	0.285E	27
28	0.3008	4.78	1.27	0.514	0.092	0.183	0.086	0.837	0.028	0.124	0.867	0.258E	28
29	0.2308	1.81	0.824	0.428	0.077	0.111	0.217	0.837	0.280	0.118	0.880	0.388E	29
30	0.1788		0.785	0.388	0.075	0.887	0.183	0.847	0.480	0.131	0.810	0.285E	30
31	0.1408		0.780		0.087		0.097	0.150		0.109		0.220E	31
TOTAL	3.107	35.034	33.261	28.078	14.818	8.351	4.708	2.893	3.027	5.888	16.296	13.078	TOTAL
MEAN	0.100	1.21	1.07	0.888	0.488	0.278	0.152	0.087	0.101	0.228	0.543	0.422	MEAN
MAX	0.520	7.20	5.74	4.28	2.50	0.887	0.872	0.351	0.480	0.815	1.72	1.08	MAX
MIN	0.030	0.048	0.228	0.314	0.087	0.073	0.058	0.030	0.025	0.092	0.080	0.148	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.457
MAXIMUM DAILY, 7.20 ON FEB 25
MINIMUM DAILY, 0.030 ON AUG 13
MAXIMUM INSTANTANEOUS,
11.1 AT 08:41 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 30 24 N
LONG 52 46 24 W
DRAINAGE AREA, 8.21 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	288	JUL	407
FEB	3 030	AUG	233
MAR	2 480	SEP	352
APR	2 280	OCT	808
MAY	1 280	NOV	1 410
JUN	722	DEC	1 130

TOTAL DISCHARGE, 14 400 dam³

NEWFOUNDLAND AND LABRADOR

SOUTH RIVER NEAR HOLYROOD - STATION NO. 02ZH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2700	0.2500	2.08	0.858	0.814	0.308	3.63	0.277	0.284	1.40	0.300	1.01	1
2	0.2400	0.2300	2.84	0.747	0.687	0.252	2.08	0.287	0.282	0.827	0.280	0.900	2
3	0.2188	0.3008	2.28	0.807	1.70	0.348	1.28	0.233	0.228	0.841	0.888	0.728	3
4	0.1928	0.4408	1.81	0.804	4.83	0.373	0.903	0.188	0.208	0.824	0.958	0.823	4
5	0.2128	0.4008	3.62	0.628	2.85	0.384	0.888	0.184	0.182	0.443	0.770	0.882	5
6	0.1828	0.3208	3.40	0.838	1.87	0.452	0.827	0.187	0.213	1.85	0.908	0.807	6
7	0.1728	0.2758	3.01	0.800	1.16	0.502	0.803	0.184	0.213	1.33	0.888	0.4458	7
8	0.1658	0.2308	1.84	0.435	1.18	0.498	0.477	0.184	0.207	0.949	1.10	0.412	8
9	0.1458	0.2108	5.02	0.388	1.14	0.414	0.831	0.188	0.188	0.708	0.988	0.3608	9
10	0.1628	0.1858	3.27	0.872	0.847	0.484	0.808	0.174	0.187	0.887	0.781	0.3258	10
11	0.1408	0.1808	3.08	1.17	2.05	0.877	0.850	0.188	0.203	0.817	0.878	0.3858	11
12	0.1288	0.1308	2.78	1.78	1.81	0.638	0.848	0.188	0.382	0.888	0.721	0.3888	12
13	0.1158	0.1158	1.73	1.81	1.12	0.548	0.488	0.184	0.378	0.833	0.828	0.3458	13
14	0.1458	0.8008	1.13	1.30	0.826	0.432	0.420	0.227	0.348	0.808	0.853	0.3208	14
15	0.1808	0.4408	0.858	1.48	0.848	0.347	0.388	0.258	0.388	0.884	0.882	0.8008	15
16	0.1828	0.858	0.770	1.27	0.883	0.284	0.348	0.244	0.335	0.838	0.882	0.809	16
17	0.1808	8.80	0.748	1.30	0.488	0.288	0.324	0.227	0.324	0.493	0.828	0.881	17
18	0.1388	4.43	0.837	1.28	0.428	0.442	0.303	0.248	0.348	0.428	0.487	0.832	18
19	0.1288	1.88	0.848	1.10	0.371	1.02	0.298	0.281	0.318	0.378	0.488	0.818	19
20	0.1188	1.08	0.800	1.08	0.333	0.781	0.337	0.282	0.281	0.338	0.473	0.844	20
21	0.1288	1.81	0.835	2.27	0.312	0.883	0.383	0.281	0.282	0.325	0.448	0.781	21
22	0.1308	2.58	0.848	2.18	0.281	0.473	0.358	0.258	0.283	0.318	0.884	1.11	22
23	0.1228	1.88	0.488	1.88	0.281	0.388	0.384	0.238	0.233	0.302	0.874	1.00	23
24	0.1128	3.08	0.427	1.38	0.283	0.481	0.383	0.238	0.212	0.298	0.885	0.728	24
25	0.1078	13.8 E	0.383	1.01	0.287	0.488	0.348	0.224	0.182	0.302	0.458	0.885	25
26	0.2508	5.82	0.323	0.858	0.288	0.407	0.318	0.213	0.188	0.318	0.418	0.458	26
27	0.7208	3.67	0.342	0.734	0.248	0.340	0.310	0.201	0.187	0.328	0.481	0.408	27
28	0.5608	7.41	0.798	0.888	0.228	0.883	0.288	0.198	0.178	0.329	0.738	0.3508	28
29	0.4408	4.08	1.33	0.828	0.202	0.843	0.278	0.191	1.25	0.328	1.45	0.8008	29
30	0.3708		1.18	0.882	0.183	2.41	0.302	0.180	2.08	0.328	1.41	0.4008	30
31	0.3008		0.978		0.188		0.281	0.287		0.332		0.3308	31
TOTAL	6.880	82.831	48.298	31.199	27.485	18.330	18.282	8.888	10.887	17.701	20.224	17.238	TOTAL
MEAN	0.218	2.17	1.58	1.04	0.886	0.844	0.821	0.218	0.383	0.571	0.874	0.888	MEAN
MAX	0.720	13.8	5.02	2.27	4.83	2.41	3.63	0.282	2.08	1.88	1.45	1.11	MAX
MIN	0.107	0.118	0.323	0.388	0.188	0.208	0.278	0.184	0.178	0.298	0.280	0.228	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.777
MAXIMUM DAILY, 13.8E ON FEB 25
MINIMUM DAILY, 0.1078 ON JAN 25
MAXIMUM INSTANTANEOUS,
18.1E AT 10:57 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 21 41 N
LONG 53 07 02 W
DRAINAGE AREA, 17.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	577	JUL 1	880
FEB	5 430	AUG	878
MAR	4 170	SEP	815
APR	2 700	OCT 1	530
MAY	2 370	NOV 1	750
JUN	1 410	DEC 1	490

TOTAL DISCHARGE, 24 800 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 11.1 IS DUE TO CURVE EXTENSION

SOUTH WEST BROOK NEAR BAIE VERTE - STATION NO. 02YH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5408	0.3208	3.758	12.7	8.68	3.00	2.35	0.298	0.085	0.813	0.842	3.08	1
2	0.5208	0.3188	4.808	9.84	8.48	5.88	2.11	0.238	0.088	0.808	0.748	2.34	2
3	0.5088	0.3068	5.808	7.88	4.71	12.8	3.11	0.218	0.089	0.904	1.47	1.70 B	3
4	0.4958	0.3008	7.808	8.13	8.71	24.8	3.83	0.258	0.048	0.831	2.88	1.40 B	4
5	0.4808	0.2958	7.008	5.18	10.8	12.3	2.48	0.242	0.042	0.782	2.25	1.30 B	5
6	0.4708	0.2858	6.008	4.27	9.88	8.78	1.73	0.208	0.072	2.10	1.88	1.82 B	6
7	0.4558	0.2608	5.008	3.88	11.7	11.7	1.44	0.178	0.083	4.18	2.21	1.28 B	7
8	0.4458	0.2758	4.508	3.83	9.87	8.80	1.11	0.158	0.088	3.08	2.77	1.04 B	8
9	0.4358	0.2708	4.008	3.81	12.2	8.38	0.858	0.191	0.048	2.18	3.10	0.9308	9
10	0.4208	0.2658	3.508	3.88	18.8	3.70	0.894	0.284	0.048	1.81	2.82	0.8508	10
11	0.4108	0.2608	4.108	4.83	38.2	2.75	0.878	0.288	0.378	1.81	2.71	0.7808	11
12	0.4008	0.2558	4.608	3.88	43.8	2.18	0.824	0.321	0.838	1.80	2.85	0.7108	12
13	0.3858	0.2508	5.208	3.41	43.1	1.78	2.28	0.188	0.773	1.38	2.51	0.8858	13
14	0.4508	0.2458 *	5.008	2.88	34.4	1.47	2.82	0.178	0.783	2.78	2.11	0.8258	14
15	0.8508	0.2408	5.008	2.83	27.2	1.20	1.88	0.158	0.807	5.28	2.28	0.8908	15
16	0.8308	0.2388	4.408	2.28	18.7	1.08	1.87	0.141	0.717	4.10	2.58	0.8858	16
17	0.8008	0.2338	4.008	2.05	18.8	0.878	1.28	0.088	0.810	2.88	2.20 B	0.8458	17
18	0.4908	0.2288	3.658	2.03	37.8	0.788	0.812	0.111	0.487	2.17	1.90 B	0.8218	18
19	0.4858	0.2258	3.308	2.16	31.2	0.849	0.702	0.183	0.431	1.77	1.80 B	0.8038	19
20	0.4658	0.2208	3.108	2.27	19.0	0.893	0.804	0.212	0.383	1.80	1.82 B	0.4908	20
21	0.4408	0.2058	2.858	2.77	19.8	0.571	0.823	0.188	0.331	1.44	1.33 B	0.8808	21
22	0.4258	0.3148	2.708	3.88	18.8	0.488	0.412	0.178	0.308	1.34	1.18 B	0.8208	22
23	0.4108	0.3808	2.658	3.88	18.8	0.441	0.348	0.188	0.348	1.17	1.05 B	0.8608	23
24	0.4008	0.4808	2.408	3.17	11.8	0.404	0.272	0.188	0.381	1.22	0.9808	0.8458	24
25	0.3908	0.5808	2.308	2.81	8.82	0.331	0.271	0.187	0.358	1.24	0.8808	0.8258	25
26	0.3808	0.8008	2.208	3.38	8.48	0.287	0.280	0.177	0.288	1.38	0.8008	0.8008	26
27	0.3888	1.20 B	2.508	4.21	9.83	0.284	0.238	0.148	0.282	1.21	0.7508	0.4858	27
28	0.3558	1.80 B	3.508	8.20	7.01	0.383	0.198	0.124	0.308	1.07	1.25 B	0.4858	28
29	0.3458	2.80 B	5.808	8.28	8.72	0.784	0.184	0.113	0.884	1.00	4.01	0.4858	29
30	0.3408		15.3 B	8.08	8.74	1.38	0.184	0.111	0.807	0.918	4.80	0.4308	30
31	0.3308		14.8 B		3.88		0.217	0.081		0.447		0.4108	31
TOTAL	13.884	13.874	155.00	133.03	512.40	115.928	35.843	5.729	10.878	55.991	80.128	28.988	TOTAL
MEAN	0.438	0.488	5.00	4.43	18.5	3.86	1.18	0.185	0.383	1.81	2.88	0.870	MEAN
MAX	0.850	2.80	15.3	12.7	43.1	24.8	3.83	0.298	0.807	8.28	4.80	3.08	MAX
MIN	0.330	0.220	2.20	2.03	3.88	0.284	0.184	0.081	0.042	0.782	0.748	0.410	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.11
MAXIMUM DAILY, 43.1 ON MAY 13
MINIMUM DAILY, 0.042 ON SEP 5
MAXIMUM INSTANTANEOUS,
48.2 AT 19:59 NST ON MAY 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 37 N
LONG 56 13 22 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 170	JUL 3	100
FEB	1 170	AUG	485
MAR	13 400	SEP	814
APR	11 500	OCT 4	840
MAY	44 300	NOV 5	200
JUN	10 000	DEC 2	330

TOTAL DISCHARGE, 95 400 dam³

SOUTHERN BAY RIVER NEAR SOUTHERN BAY - STATION NO. 02ZJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7408	0.6008	14.5	7.38	5.09	0.804	5.56	0.195	0.028	0.248	0.871	1.058	1
2	0.6808	0.6708	11.5	9.17	5.02	0.827	5.56	0.216	0.028	0.371	0.835	2.208	2
3	0.6808	1.30 B	10.5	8.38	7.17	1.76	5.21	0.189	0.028	0.430	3.08	2.458	3
4	0.6308	1.02 B	8.83	4.37	3.73	2.48	4.58	0.111	0.022	0.448	4.33	2.908	4
5	0.7308	0.7908	8.58	4.02	11.3	3.03	3.42	0.090	0.021	0.480	4.13	2.628	5
6	0.8508	1.14 B	11.0	3.98	8.67	3.90	3.42	0.088	0.032	1.63	3.74	3.308	6
7	0.5908	0.8408	10.1	3.62	7.02	4.87	1.83	0.081	0.028	1.75	3.48	2.068	7
8	0.5458	0.6508	7.38	3.77	8.27	4.03	1.81	0.084	0.308	1.83	3.48	1.878	8
9	0.5058	0.5408	5.30	3.88	5.88	3.13	1.38	0.398	0.088	1.80	2.88	1.708	9
10	0.4758	0.4458	5.83	3.71	4.89	2.82	1.24	0.144	0.028	1.28	3.04	1.568	10
11	0.4408	0.3858	8.10	5.38	4.78	5.78	1.02	0.081	0.048	1.03	2.84	1.428	11
12	0.4058	0.3008	7.25	7.07	4.89	5.53	0.888	0.067	0.048	0.818	1.82	1.318	12
13	0.3708	0.3308	5.808	7.13	4.74	5.51	0.888	0.061	0.032	0.763	1.80	1.218	13
14	0.4208	0.4058	4.408	6.46	3.88	4.38	0.808	0.134	0.077	0.741	1.74	1.118	14
15	0.4808	0.4858	3.888	5.84	3.18	3.18	0.778	0.128	0.067	0.797	1.85	1.458	15
16	0.4308	0.8008	2.978	5.72	2.88	2.50	0.870	0.100	0.080	0.882	1.64 B	2.308	16
17	0.3858	2.00 B	2.858	6.21	2.13	2.01	0.834	0.070	0.081	1.02	1.40 B	1.808	17
18	0.3738	5.40 B	2.258	5.27	1.81	1.78	0.481	0.068	0.044	0.878	1.80 B	1.608	18
19	0.3458	4.75 B	2.008	4.87	1.87	1.61	0.432	0.282	0.038	0.881	1.62 B	1.378	19
20	0.3218	4.20 B	1.808	5.04	1.43	1.88	0.383	0.087	0.044	0.834	1.84 B	1.208	20
21	0.3008	4.80 B	1.628	13.5	1.17	1.38	0.377	0.084	0.032	0.881	1.48 B	1.808	21
22	0.2628	4.45 B	1.498	17.0	1.08	1.25	0.328	0.042	0.032	0.828	1.38 B	2.208	22
23	0.2858	4.18 B	1.388	12.2	1.02	1.20	0.308	0.058	0.052	0.840	1.28 B	2.008	23
24	0.2508	4.70 B	1.288	8.33	0.874	1.11	0.280	0.058	0.043	0.883	1.24 B	1.808	24
25	0.2308	5.40 B	1.198	7.13	0.814	0.891	0.251	0.041	0.037	0.834	1.45 B	1.668	25
26	0.7008	8.40 B	1.118	5.85	0.778	0.676	0.223	0.045	0.027	0.887	1.90 B	1.528	26
27	2.80 B	18.0 B	1.078	4.72	0.710	0.883	0.235	0.038	0.030	0.885	2.60 B	1.418	27
28	1.85 B	21.0 B	2.68	4.47	0.808	0.812	0.227	0.031	0.026	0.884	3.70 B	1.318	28
29	1.47 B	18.2 B	8.37	4.47	0.408	0.874	0.238	0.026	0.258	0.853	3.15 B	1.228	29
30	1.18 B		5.51	4.83	0.414	4.87	0.202	0.026	0.340	1.08	1.80 B	1.148	30
31	0.9608		8.38		0.438		0.200	0.022		1.08		1.088	31
TOTAL	28.261	118.483	170.12	190.28	112.088	78.537	50.995	3.141	2.009	29.513	68.478	52.36	TOTAL
MEAN	0.884	4.08	5.48	6.34	3.62	2.85	1.85	0.101	0.067	0.852	2.22	1.72	MEAN
MAX	2.80	21.0	14.5	17.0	11.2	5.53	5.56	0.398	0.340	1.83	4.33	2.80	MAX
MIN	0.330	0.300	1.07	3.58	0.408	0.804	0.200	0.022	0.021	0.248	0.835	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.44
MAXIMUM DAILY, 21.08 ON FEB 28
MINIMUM DAILY, 0.021 ON SEP 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 44 N
LONG 53 40 38 W
DRAINAGE AREA, 87.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 750	JUL	4 410
FEB	10 200	AUG	271
MAR	14 700	SEP	174
APR	16 400	OCT	2 550
MAY	9 860	NOV	5 740
JUN	6 810	DEC	4 510

TOTAL DISCHARGE, 77 100 dam³

SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK - STATION NO. 02YB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2108	0.4208	3.88	3.88	5.23	0.385	2.80	0.383	0.278	0.530	0.375	1.37	1
2	0.1988	0.4708	3.42	2.26	4.82	1.62	1.88	0.347	0.280	0.397	0.381	1.12	2
3	0.1858	0.5108	4.22	2.40	3.72	2.84	1.37	0.332	0.202	0.340	1.26	0.888	3
4	0.1788	0.4408	2.63	1.88	8.08	3.50	1.48	0.316	0.188	0.287	1.71	0.728	4
5	0.1888	0.3908	2.01	1.80	5.82	1.84	0.983	0.312	0.163	0.288	1.01	0.805	5
6	0.1818	0.3608	3.58	1.48	4.18	2.88	0.675	0.243	0.189	2.88	0.729	0.4308	6
7	0.1838	0.3108	2.08	1.83	5.38	3.04	0.511	0.182	0.246	1.87	1.18	0.3628	7
8	0.1488	0.2758	1.23	1.48	4.73	2.47	0.480	0.172	0.222	1.08	1.48	0.4028	8
9	0.1408	0.2428	0.808	1.83	3.04	1.47	0.410	0.210	0.180	0.771	1.07	0.3638	9
10	0.1338	0.2188	0.883	2.71	2.85	1.03	0.367	0.188	0.148	0.810	0.931	0.3488	10
11	0.1288	0.1958	1.28	4.21	3.55	4.00	0.333	0.181	0.158	0.488	0.939	0.2888	11
12	0.1238	0.1708	2.61	3.61	3.48	3.48	0.373	0.135	0.239	0.453	0.788	0.2808	12
13	0.1188	0.1888	2.18	2.88	2.88	1.81	0.381	0.088	0.258	0.408	0.883	0.2328	13
14	0.1708	0.2088	1.33	1.78	2.08	1.03	0.385	0.082	0.288	0.484	0.492	0.2108	14
15	0.2058	0.2708	0.982	2.37	1.88	0.781	0.389	0.188	0.277	0.802	0.981	0.1908	15
16	0.1908	0.3348	0.888	3.28	1.22	0.805	0.388	0.213	0.280	0.438	0.892	0.2308	16
17	0.1778	0.5008	0.882	1.88	0.878	0.472	0.284	0.181	0.304	0.409	0.728	0.3058	17
18	0.1858	0.6008	0.4808	2.18	0.778	0.414	0.302	0.136	0.288	0.372	0.889	0.2708	18
19	0.1538	2.85 B	0.4258	2.38	0.845	0.827	0.288	0.208	0.283	0.367	0.826	0.2458	19
20	0.1428	1.80 B	0.3858	2.58	0.881	0.820	0.288	0.288	0.288	0.413	0.878	0.2208	20
21	0.1328	1.02 B	0.3658	5.81	0.481	0.435	0.308	0.228	0.323	0.428	0.836	0.2268	21
22	0.1248	2.60 B	0.3308	5.18	0.388	0.402	0.286	0.283	0.308	0.378	0.4758	0.3108	22
23	0.1158	5.20 B	0.3088	3.87	0.418	0.388	0.304	0.280	0.301	0.384	0.4408	0.4208	23
24	0.1078	4.00 B	0.2928	3.75	0.404	0.374	0.313	0.262	0.310	0.428	0.4008	0.3858	24
25	0.1008	3.50 B	0.2788	2.44	0.384	0.381	0.288	0.282	0.308	0.437	0.371	0.3508	25
26	0.2408	4.20 B	0.2688	2.38	0.482	0.348	0.308	0.277	0.304	0.480	0.848	0.3358	26
27	0.5808	3.35	0.454	2.12	0.885	0.338	0.318	0.280	0.313	0.781	1.37	0.3208	27
28	0.8508	8.88	3.14	3.22	0.488	0.325	0.304	0.283	0.294	0.823	2.48	0.2958	28
29	0.7408	7.34	7.77	3.33	0.378	0.352	0.300	0.248	0.318	0.813	3.78	0.2758	29
30	0.6008		7.20	3.88	0.378	1.48	0.317	0.288	0.721	0.484	2.33	0.2588	30
31	0.5008		6.05		0.388		0.311	0.285		0.437		0.2408	31
TOTAL	7.334	51.627	81.322	81.35	68.124	38.774	17.813	7.184	8.217	18.844	30.418	13.817	TOTAL
MEAN	0.237	1.76	1.87	2.71	2.20	1.33	0.888	0.232	0.274	0.808	1.01	0.407	MEAN
MAX	0.850	7.34	7.77	5.81	5.08	4.00	2.80	0.383	0.721	2.88	3.78	1.37	MAX
MIN	0.100	0.170	0.288	1.48	0.388	0.328	0.284	0.082	0.148	0.287	0.371	0.190	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 7.77 ON MAR 29
MINIMUM DAILY, 0.082 ON AUG 14
MAXIMUM INSTANTANEOUS,
8.76 AT 11:15 NST ON FEB 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 25 N
LONG 53 54 50 W
DRAINAGE AREA, 28.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	834	JUL	1 510
FEB	4 460	AUG	621
MAR	8 280	SEP	710
APR	7 030	OCT	1 630
MAY	8 880	NOV	2 630
JUN	3 440	DEC	1 090

TOTAL DISCHARGE, 34 800 dam³

SOUTHWEST GANDER RIVER BELOW LARSON FALLS - STATION NO. 02YC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.628	5.708	103 B	78.9	84.3	3.11	24.3	0.706	0.782	2.57	5.00	28.1	1
2	2.438	4.988	102 B	73.5	57.6	7.87	17.3	0.848	0.670	2.84	4.34	20.7	2
3	2.328	5.108	101	58.6	41.3	14.1	27.3	0.842	0.585	2.80	10.5	15.6	3
4	2.268	5.408	87.3	46.4	36.3	17.6	37.4	0.728	0.504	2.48	28.5	11.0 B	4
5	2.158	5.008	86.1	36.6	43.1	17.6	23.7	0.556	0.457	2.50	20.3	8.308	5
6	2.108	4.508	90.0	31.3	35.9	42.7	16.0	0.484	0.458	18.5	14.3	7.108	6
7	2.008	4.108	82.4	30.8	36.6	41.7	12.4	0.487	0.502	25.3	13.2	6.488	7
8	1.808	3.808	38.3	32.6	36.1	35.9	10.1	0.422	0.485	15.3	15.6	7.808	8
9	1.858	3.458	32.8	33.7	28.6	24.3	8.13	0.387	0.443	10.7	14.8	7.12	9
10	1.808	3.208	21.8	45.2	24.7	17.6	6.81	0.408	0.400	9.37	14.2	3.68	10
11	1.708	2.958	24.5	84.5	24.3	22.4	5.82	0.453	0.386	8.84	16.4	5.408	11
12	1.678	2.708	37.2	52.3	24.5	23.3	4.89	0.477	0.483	7.53	18.0	4.908	12
13	1.808	2.508	38.5	40.2	20.8	18.9	4.84	0.424	0.822	6.80	14.2	4.708	13
14	2.208	2.328	34.9	30.0	17.2	13.0	4.12	0.450	1.83	6.43	11.7	4.308	14
15	2.668	2.208	27.3	25.2	14.4	10.3	3.70	0.585	8.15	6.53	23.7	4.108	15
16	2.608	2.108	21.0	23.6	11.8	8.58	3.27	0.784	8.54	6.23	23.8	3.858	16
17	2.818	1.988	15.6	23.2	9.55	7.07	2.92	0.736	7.28	6.01	17.2	3.658	17
18	2.408	1.908	13.3	23.7	7.80	7.56	2.63	0.586	6.43	5.70	15.7	3.508	18
19	2.338	1.628	11.7	26.2	8.54	16.0	2.25	0.585	5.04	4.98	22.0	3.758	19
20	2.288	1.788	10.8	26.7	8.68	12.8	2.01	0.883	3.82	4.46	17.8	4.308	20
21	2.218	2.808	9.43	54.8	4.81	9.01	1.82	0.457	3.21	4.82	13.2	4.908	21
22	2.158	4.008	8.88	63.2	4.19	8.22	1.58	0.887	2.89	5.53	12.2	5.708	22
23	2.108	5.508	8.04	46.8	3.89	7.21	1.41	8.44	3.11	6.43	8.57	7.208	23
24	2.058	6.708	7.02	36.0	3.26	6.81	1.28	8.18	3.08	5.92	7.808	8.708	24
25	2.008	13.0 B	6.78	32.9	3.10	6.51	1.08	4.26	2.81	5.84	7.408	8.208	25
26	2.708	20.0 B	6.01	32.4	3.33	5.88	0.917	2.98	2.60	5.58	7.108	8.508	26
27	3.708	30.0 B	5.38	30.8	4.68	5.96	0.818	1.98	2.04	5.78	6.908	8.308	27
28	4.708	80.0 B	17.8	37.0	4.72	6.18	0.713	1.58	1.77	5.77	10.1	4.908	28
29	5.258	104 B	88.8	37.8	4.07	6.03	0.703	1.18	1.84	5.61	28.7	4.508	29
30	7.608		98.2	42.3	3.88	22.7	0.773	0.838	2.23	5.43	48.3	4.208	30
31	8.808		81.3		3.08		0.721	0.846		5.46		3.908	31
TOTAL	85.82	315.48	1 212.81	1 218.8	896.87	449.67	231.676	38.472	73.835	217.22	485.21	217.88	TOTAL
MEAN	2.78	10.9	39.1	40.7	18.3	15.0	7.47	1.27	2.46	7.01	15.5	7.02	MEAN
MAX	7.80	104	103	78.9	84.3	42.7	27.4	8.44	8.54	28.3	48.3	28.1	MAX
MIN	1.67	1.78	8.01	23.2	3.08	3.11	0.703	0.387	0.388	2.48	4.34	3.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.0
MAXIMUM DAILY, 104B ON FEB 28
MINIMUM DAILY, 0.387 ON AUG 8

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 26 N
LONG 55 04 52 W
DRAINAGE AREA, 531 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 400	JUL	20 000
FEB	27 300	AUG	3 410
MAR	105 000	SEP	6 350
APR	105 000	OCT	18 800
MAY	51 800	NOV	40 200
JUN	38 800	DEC	18 800

TOTAL DISCHARGE, 443 000 dam³

SPOUT COVE BROOK NEAR SPOUT COVE - STATION NO. 02ZL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.138	0.168	1.11	0.822	0.384	0.106	3.52	0.083	0.034	0.170	0.153	0.834	1
2	0.1348	0.163	1.06	0.821	0.488	0.148	1.74	0.075	0.034	0.178	0.138	0.518	2
3	0.1318	0.158	1.14	0.457	0.508	0.208	0.902	0.068	0.030	0.146	0.208	0.370	3
4	0.128	0.158	0.720	0.386	1.00	0.232	0.481	0.057	0.029	0.121	0.373	0.286	4
5	0.133	0.200	1.46	0.341	1.19	0.223	0.353	0.050	0.028	0.114	0.293	0.257	5
6	0.127	0.164	2.25	0.378	0.878	0.237	0.268	0.044	0.033	0.277	0.248	0.242	6
7	0.121	0.177	1.13	0.341	0.648	0.288	0.264	0.044	0.033	0.457	0.428	0.221	7
8	0.116	0.171	0.788	0.283	0.684	0.248	0.227	0.045	0.032	0.288	0.580	0.209	8
9	0.113	0.181	1.72	0.274	0.721	0.218	0.213	0.048	0.028	0.226	0.431	0.201	9
10	0.1118	0.183	1.33	0.267	0.673	0.248	0.188	0.043	0.028	0.231	0.400	0.189	10
11	0.1078	0.148	1.84	0.870	1.11	0.482	0.188	0.041	0.033	0.188	0.387	0.180	11
12	0.1038	0.143	1.68	2.87	0.843	0.438	0.204	0.038	0.040	0.282	0.334	0.1758	12
13	0.0988	0.138	1.06	1.68	0.588	0.338	0.182	0.031	0.062	0.289	0.271	0.1718	13
14	0.108	0.181	0.587	1.18	0.418	0.268	0.184	0.035	0.100	0.241	0.284	0.185	14
15	0.133	0.180	0.400	1.08	0.321	0.271	0.174	0.044	0.188	0.224	0.344	0.215	15
16	0.121	0.202	0.334	0.838	0.254	0.238	0.170	0.040	0.171	0.224	0.380	0.234	16
17	0.115	4.28	0.286	0.706	0.228	0.205	0.158	0.037	0.161	0.233	0.383	0.208	17
18	0.110	3.88	0.2538	0.584	0.206	0.230	0.145	0.040	0.147	0.214	0.342	0.208	18
19	0.104	1.63	0.216	0.503	0.184	0.338	0.136	0.048	0.128	0.201	0.384	0.228	19
20	0.101	0.758	0.2088	0.418	0.178	0.318	0.131	0.048	0.110	0.188	0.367	0.224	20
21	0.098	0.841	0.1988	1.03	0.182	0.268	0.134	0.042	0.102	0.188	0.313	0.268	21
22	0.101	0.858	0.1928	1.17	0.148	0.228	0.128	0.041	0.088	0.175	0.812	0.430	22
23	0.098	1.20	0.181	0.815	0.143	0.208	0.124	0.041	0.085	0.185	0.514	0.480	23
24	0.097	1.83	0.178	0.565	0.148	0.228	0.108	0.038	0.073	0.174	0.783	0.322	24
25	0.092	8.27	0.171	0.422	0.138	0.185	0.100	0.038	0.077	0.177	0.271	0.268	25
26	0.133	2.58	0.161	0.367	0.126	0.168	0.098	0.034	0.061	0.184	0.260	0.261	26
27	0.315	1.78	0.176	0.352	0.138	0.183	0.093	0.034	0.048	0.178	0.442	0.224	27
28	0.344	2.78	0.623	0.325	0.114	0.188	0.088	0.038	0.048	0.180	0.888	0.214	28
29	0.258	2.18	1.44	0.282	0.104	0.213	0.095	0.038	0.058	0.178	1.78	0.228	29
30	0.214		1.24	0.265	0.101	2.84	0.098	0.038	0.148	0.167	1.80	0.4208	30
31	0.208		1.16		0.102		0.096	0.037		0.182		0.3108	31
TOTAL	4.303	33.648	25.057	20.354	12.804	15.028	10.881	1.370	2.206	6.451	13.830	8.738	TOTAL
MEAN	0.139	1.16	0.808	0.676	0.416	0.334	0.364	0.044	0.074	0.208	0.464	0.282	MEAN
MAX	0.344	8.27	2.25	2.87	1.19	2.84	3.52	0.083	0.171	0.457	1.78	0.834	MAX
MIN	0.092	0.138	0.161	0.257	0.101	0.106	0.088	0.031	0.028	0.114	0.139	0.185	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.410
MAXIMUM DAILY, 8.27 ON FEB 25
MINIMUM DAILY, 0.028 ON SEP 5
MAXIMUM INSTANTANEOUS,
7.54 AT 11:37 NST ON FEB 25

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 48 43 N
LONG 53 08 15 W
DRAINAGE AREA, 10.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	372	JUL	849
FEB	2 810	AUG	118
MAR	2 160	SEP	181
APR	1 780	OCT	557
MAY	1 110	NOV	1 200
JUN	888	DEC	765

TOTAL DISCHARGE, 12 800 dam³

ST. SHOTTS RIVER NEAR TREPASSEY - STATION NO. 02ZH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.312B	0.500B	1.74	0.884	0.906	0.627	2.78	0.488	0.180	1.18	0.478	0.738	1
2	0.330B	0.440B	2.52	0.526	0.906	0.734	1.74	0.422	0.151	0.868	0.374	1.03	2
3	0.290B	1.00 B	3.00	0.441	0.826	0.789	1.34	0.378	0.148	0.782	0.838	0.912	3
4	0.270B	0.800B	1.63	0.361	1.73	0.851	1.13	0.298	0.142	0.689	1.38	0.885	4
5	0.300B	0.640B	2.21	0.817	1.80	0.732	0.918	0.263	0.133	0.626	1.12	0.803	5
6	0.320B	0.870B	2.28	0.724	0.884	1.28	0.884	0.235	0.672	1.94	0.888	0.880B	6
7	0.300B	0.700B	1.88	0.613	0.888	1.24	0.800	0.213	0.648	1.56	1.83	0.800B	7
8	0.288B	0.540B	1.48	0.424	1.52	1.01	0.881	0.208	0.437	1.11	2.83	0.530B	8
9	0.282B	0.482B	5.03	0.378	0.834	0.877	0.884	0.217	0.327	0.811	2.02	0.480B	9
10	0.248B	0.338B	2.70	3.48	0.788	1.00	0.821	0.218	0.274	0.721	1.83	0.440B	10
11	0.230B	0.280B	3.04	3.57	1.38	1.48	0.830	0.210	0.884	0.880	1.35	0.388B	11
12	0.218B	0.258B	2.57	1.88	1.38	1.18	0.788	0.181	0.758	1.83	1.34	0.370B	12
13	0.200B	0.220B	1.82	1.21	0.884	0.812	0.817	0.178	0.637	1.80	1.08	0.350B	13
14	0.400B	0.300B	1.38	1.18	0.784	0.818	1.13	0.357	0.461	1.18	0.841	0.328B	14
15	0.360B	0.400B	1.01	1.38	0.867	0.812	0.889	0.324	0.818	0.934	1.58	0.310B	15
16	0.320B	0.480B	0.880B	1.14	0.474	0.435	0.888	0.283	0.878	0.882	1.85	0.430B	16
17	0.288B	4.50 B	0.740B	0.842	0.318	0.388	0.805	0.280	1.08	0.881	1.18	0.880B	17
18	0.270B	3.80 B	0.880B	0.847	0.262	0.845	0.467	0.385	1.38	0.884	1.07	1.00 B	18
19	0.250B	2.50 B	0.800B	0.813	0.238	1.81	0.862	0.888	0.868	0.481	1.38	1.10 B	19
20	0.230B	1.40 B	0.880B	0.840	0.234	1.37	0.812	0.431	0.723	0.378	1.14	1.01 B	20
21	0.214B	2.80 B	1.20 B	1.80	0.218	0.889	0.828	0.382	0.888	0.421	1.18	0.880B	21
22	0.198B	5.31	1.00 B	1.48	0.224	0.808	0.488	0.314	0.800	0.428	3.24	1.80 B	22
23	0.180B	2.52	0.840B	1.28	0.228	0.808	0.817	0.287	0.438	0.337	1.82	1.20 B	23
24	0.188B	2.70	0.720B	1.00	0.247	0.882	0.848	0.288	0.338	0.353	1.28	0.880B	24
25	0.152B	3.47 E	0.840B	0.880	0.238	0.700	0.723	0.233	0.277	0.371	1.14	1.18 B	25
26	0.500B	4.47	0.580B	0.827	0.221	0.884	1.84	0.188	0.242	0.731	1.48	0.880B	26
27	1.80 B	4.28	0.482	0.808	0.187	0.488	1.88	0.187	0.227	0.823	1.11	0.810B	27
28	1.30 B	4.15	0.808	0.385	0.217	0.467	1.18	0.178	0.210	0.788	0.787	0.880B	28
29	1.00 B	2.84	1.04	0.337	0.188	0.467	0.858	0.185	0.814	0.888	0.887	1.20 B	29
30	0.740B		1.04	0.488	0.182	1.78	0.708	0.140	1.48	0.818	0.807	1.11 B	30
31	0.820B		0.881		0.138		0.843	0.184		0.887		0.880B	31
TOTAL	12.370	56.868	48.008	30.880	20.048	25.817	29.088	8.887	15.728	25.874	38.838	24.278	TOTAL
MEAN	0.388	2.03	1.48	1.02	0.847	0.884	0.838	0.277	0.524	0.838	1.32	0.783	MEAN
MAX	1.80	8.47	5.03	3.87	1.73	1.01	2.78	0.488	1.48	1.94	3.24	1.80	MAX
MIN	0.152	0.220	0.482	0.337	0.138	0.388	0.487	0.140	0.133	0.337	0.374	0.310	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.820
MAXIMUM DAILY, 8.47E ON FEB 25
MINIMUM DAILY, 0.133 ON SEP 5
MAXIMUM INSTANTANEOUS,
11.8E AT 10:00 NST ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 42 32 N
LONG 53 28 24 W
DRAINAGE AREA, 15.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 970	JUL	2 510
FEB	5 090	AUG	742
MAR	3 880	SEP	1 360
APR	2 840	OCT	2 240
MAY	1 730	NOV	3 420
JUN	2 210	DEC	2 100

TOTAL DISCHARGE, 29 100 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 7.78 IS DUE TO CURVE EXTENSION

STAR BROOK BELOW STAR LAKE - STATION NO. 02YH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.68B	2.50B	6.00B	35.3	41.8	27.8	26.3	7.00	5.74	12.0	11.4	31.0	1
2	2.50B	2.48B	7.00B	39.8	44.8	32.2	25.8	6.73	5.48	12.0	10.4	26.8	2
3	2.45B	2.60B	10.2 B	38.8	42.8	33.8	25.8	6.36	4.95	11.8	14.4	26.8	3
4	2.38B	2.70B	13.8 B	36.4	41.1	32.4	30.8	5.87	4.48	11.4	19.8	23.8	4
5	2.30B	2.90B	17.1	35.2	46.1	30.1	36.1	5.54	4.28	11.8	21.8	21.3	5
6	2.28B	3.06B	16.0	32.8	52.4	31.8	25.2	5.18	4.38	18.4	20.8	18.8	6
7	2.20B	2.98B	16.1	31.1	61.8	36.8	22.3	5.08	4.41	22.3	20.4	18.8	7
8	2.15B	2.85B	16.1	30.3	63.1	38.2	19.7	4.78	4.37	22.8	20.8	18.8	8
9	2.07B	2.65B	17.6	29.8	58.8	33.1	16.0	4.60	4.28	21.7	20.4	14.2	9
10	2.00B	2.60B	18.8	32.7	57.4	28.8	16.2	4.62	4.08	20.8	20.0	13.2	10
11	2.85B	2.75B	17.7	41.4	62.8	28.1	14.3	4.58	4.21	18.7	20.4	12.0	11
12	2.80B	2.68B	18.3	43.0	77.8	33.2	13.1	4.48	4.78	18.8	22.8	11.3	12
13	2.68B	2.80B	18.8	38.8	83.4	30.8	13.8	4.30	5.04	18.0	22.8	10.2	13
14	2.60B	2.85B	18.8	34.0	84.0	18.8	14.1	4.03	7.11	17.0	21.8	8.38	14
15	2.10B	2.60B	18.7	30.1	87.1	17.1	14.1	3.87	11.3	16.8	22.0	8.84	15
16	2.20B	2.48B	17.8	28.8	73.8	15.8	14.3	3.88	13.9	14.8	22.3	8.31	16
17	2.10B	2.42B	18.4	24.0	62.2	14.1	13.8	3.67	16.3	13.7	21.1	7.83	17
18	2.00B	2.37B	18.4	22.4	57.8	13.7	13.1	4.38	15.6	12.8	23.8	7.28	18
19	2.85B	2.32B	14.2	21.2	58.4	14.1	12.4	5.18	14.8	11.8	21.0	6.80	19
20	2.85B	2.28B	13.2	20.2	52.0	13.7	11.3	5.88	13.8	10.8	20.7	6.50	20
21	2.80B	2.23B	12.2	18.8	80.8	13.2	10.8	6.08	13.2	11.7	26.2	6.38	21
22	2.70B	2.20B	10.8	18.4	48.2	12.8	10.3	6.88	12.8	12.1	23.8	6.30	22
23	2.68B	2.15B	9.73	17.8	45.2	11.8	8.82	7.41	12.4	13.1	22.0	6.12	23
24	2.80B	2.13B	9.08	16.8	40.8	11.7	8.23	7.88	13.1	12.4	19.4	6.03	24
25	2.60B	2.40B	8.35	16.8	37.0	11.0	8.44	8.22	11.8	12.4	17.3	5.98	25
26	2.48B	2.70B	7.47	17.1	36.8	10.8	8.00	7.80	10.4	12.8	16.1	5.85	26
27	2.55B	3.00B	7.25	16.8	43.5	13.2	7.50	7.32	8.77	12.8	14.8	5.84	27
28	2.70B	3.60B	8.66	21.3	43.4	16.2	7.06	6.88	8.24	12.8	14.2	5.38	28
29	2.85B	4.25B	13.0	25.2	36.8	21.8	7.38	6.84	10.8	12.4	21.0	5.10B	29
30	2.55B		20.2	31.8	34.1	25.4	7.08	6.27	11.8	12.3	30.8	4.80B	30
31	2.63B		26.9		29.8		6.63	5.88		12.1		4.50B	31
TOTAL	81.30	77.27	447.81	880.8	1 875.8	648.3	470.16	176.84	285.80	462.1	624.1	368.62	TOTAL
MEAN	2.85	2.88	14.4	28.4	84.1	21.8	15.2	5.71	8.88	14.8	20.8	11.8	MEAN
MAX	3.88	4.25	28.8	43.0	84.0	38.2	38.8	8.22	15.8	22.8	31.0	31.0	MAX
MIN	2.48	2.12	8.00	18.8	29.8	10.8	8.83	3.47	4.08	10.8	10.4	4.80	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 84.0 ON MAY 14
MINIMUM DAILY, 2.12B ON FEB 24
MAXIMUM INSTANTANEOUS,
88.1 AT 01:80 NST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 48 N
LONG 57 13 41 W
DRAINAGE AREA, 427 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 880	JUL	40 600
FEB	8 680	AUG	15 300
MAR	38 700	SEP	23 900
APR	73 500	OCT	38 100
MAY	145 000	NOV	53 900
JUN	55 800	DEC	31 000

TOTAL DISCHARGE, 530 000 dam³

NEWFOUNDLAND AND LABRADOR

STE. GENEVIEVE RIVER NEAR FORRESTERS POINT - STATION NO. 02YA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.40B	4.70B	5.20B	15.0 B	13.1	21.6	13.1	5.81	4.08	3.84	5.85	13.0 B	1
2	7.10B	4.60B	5.50B	26.0 B	12.3	32.5	12.2	5.93	3.84	3.84	5.95	11.3 B	2
3	7.00B	4.55B	5.70B	29.5	12.3	30.7	11.8	5.87	3.70	4.41	7.53	10.5 B	3
4	6.80B	4.45B	5.55B	28.3	12.7	28.9	11.4	5.32	3.87	5.10	6.95	10.1 B	4
5	6.85B	4.40B	5.45B	25.9	12.5	28.2	10.7	4.99	3.82	5.19	6.19	9.70B	5
6	6.55B	4.35B	5.35B	23.1	12.3	26.2	10.4	4.74	3.82	5.20	7.82	9.30B	6
7	6.40B	4.32B	5.20B	20.3	12.7	26.4	10.3	4.72	3.01	5.82	7.55	8.90B	7
8	6.20B	4.26B	5.03B	18.0	13.3	26.2	9.82	4.65	3.92	6.12	7.87	8.55B	8
9	6.10B	4.15B	5.00B	14.5	13.3	22.6	9.54	4.47	3.94	5.74	8.03	8.40B	9
10	6.00B	4.15B	4.90B	12.6	14.6	21.3	9.24	4.78	3.78	5.67	7.84	8.20B	10
11	5.80B	4.10B	5.10B	12.0	15.6	20.7	9.05	5.05	3.08	5.45	7.68	7.80B	11
12	5.70B	4.00B	5.40B	11.1	16.1	19.1	8.70	5.05	4.71	5.58	7.75	7.65B	12
13	5.60B	3.95B	5.35B	10.5	20.0	18.4	8.72	4.85	5.77	5.51	7.81	7.45B	13
14	5.50B	3.85B	5.25B	9.38	21.2	18.2	8.52	4.61	6.00	5.58	8.02	7.25B	14
15	5.40B	3.85B	5.15B	8.88	22.6	17.1	8.77	4.59	5.79	5.80	8.21	7.10B	15
16	5.25B	3.80B	5.00B	8.61	23.5	15.7	8.61	4.46	5.32	6.03	8.80	6.90B	16
17	5.10B	3.65B	4.85B	8.12	23.6	15.4	8.21	4.18	5.15	5.72	8.63	6.75B	17
18	5.00B	3.60B	4.63B	7.80	26.5	14.6	7.79	4.46	4.89	5.64	8.89	6.65B	18
19	5.00B	3.75B	4.75B	7.70	26.2	13.9	7.56	5.55	4.31	5.50	9.31	6.50B	19
20	5.80B	3.75B	4.80B	7.87	27.7	13.1	7.23	6.53	4.21	5.47	9.49	6.30B	20
21	5.70B	3.70B	4.50B	8.42	28.3	12.4	8.87	8.34	4.20	5.61	9.30	6.15B	21
22	5.65B	3.60B	4.40B	8.90	33.0	13.8	8.85	5.85	4.23	5.47	9.26	6.05B	22
23	5.45B	3.75B	4.30B	10.7	36.6	14.2	8.54	5.46	4.26	5.54	8.90B	5.85B	23
24	5.40B	3.80B	4.20B	10.8	37.5	13.0	8.36	5.00	4.03	5.38	8.50B	5.80B	24
25	5.30B	4.00B	4.15B	10.5	36.7	12.3	8.16	4.85	3.75	5.89	8.25B	5.70B	25
26	5.20B	4.20B	4.12B	10.3	36.8	11.8	8.02	4.36	3.68	5.77	8.00B	5.55B	26
27	5.10B	4.40B	4.40B	10.3	38.2	11.4	8.76	4.31	3.84	5.87	7.75B	5.45B	27
28	5.00B	4.80B	4.80B	10.7	38.8	11.0	8.80	4.28	3.87	5.49	7.60B	5.35B	28
29	4.83B	4.80B	5.60B	11.4	38.1	11.7	8.71	4.28	3.82	5.37	8.40B	5.25B	29
30	4.80B		7.00B	12.5	36.8	12.2	8.87	4.22	3.88	5.06	8.80B	5.15B	30
31	4.75B		10.0 B		33.1		8.88	4.16		5.04		5.10B	31
TOTAL	184.62	120.05	160.73	412.80	744.3	603.6	289.02	153.31	122.89	175.00	245.68	229.00	TOTAL
MEAN	5.95	4.14	5.18	13.8	24.0	18.8	8.26	4.95	4.08	5.65	8.20	7.39	MEAN
MAX	7.40	4.80	10.0	29.5	36.2	32.5	13.1	8.93	6.00	6.89	9.50	12.0	MAX
MIN	4.75	3.85	4.12	7.87	12.3	11.0	8.85	4.16	2.79	3.84	5.65	5.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.21
MAXIMUM DAILY, 36.2 ON MAY 27
MINIMUM DAILY, 2.79 ON SEP 10
MAXIMUM INSTANTANEOUS,
39.6 AT 04:45 NST ON MAY 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 18 N
LONG 56 47 32 W
DRAINAGE AREA, 305 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 800	JUL	22 400
FEB	10 400	AUG	13 200
MAR	13 900	SEP	10 600
APR	35 700	OCT	15 100
MAY	64 300	NOV	21 200
JUN	48 700	DEC	19 800

TOTAL DISCHARGE, 291 000 dam³

TERRA NOVA RIVER AT ERROVERTOWN - STATION NO. 02YS005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.0B	12.6B	107	130	132	32.7	49.5	21.1	11.3	10.7	21.8	49.6	1
2	26.0B	12.6B	126	146	140	36.5	51.2	20.4	11.2	10.8	20.7	52.8	2
3	27.5B	12.4B	164	155	136	41.9	57.7	18.9	10.7	10.8	23.0	54.6	3
4	26.6B	13.4B	190	161	153	42.1	61.0	18.7	10.5	10.3	28.4	56.5	4
5	25.7B	14.2B	208	162	158	38.1	60.5	18.3	10.3	9.97	27.7	59.9	5
6	24.5B	14.0B	224	158	157	46.8	61.7	17.2	10.5	15.0	25.7	48.6	6
7	23.8B	13.7B	218	150	158	56.9	61.2	16.8	10.4	14.5	26.1	53.8	7
8	22.8B	13.5B	208	141	148	61.8	62.8	16.6	10.1	13.0	33.1	48.6	8
9	22.0B	13.3B	187	134	141	64.3	60.6	16.7	9.71	12.5	32.6	47.1	9
10	21.2B	13.0B	177	130	133	62.2	57.9	16.3	9.53	13.0	36.1	46.0	10
11	20.4B	12.6B	166	128	131	78.4	54.1	15.9	9.61	13.3	39.2	45.4	11
12	19.8B	12.5B	157	148	128	81.5	55.3	15.4	9.62	13.4	42.6	40.8	12
13	19.0B	12.5B	146	152	117	77.0	51.1	15.2	9.29	13.7	38.1	39.5B	13
14	18.3B	12.3B	136	152	109	74.9	47.8	15.0	9.57	14.4	36.4	38.0B	14
15	17.8B	12.2B	127	151	102	73.8	46.7	14.8	9.61	14.9	44.2	37.0B	15
16	17.3B	12.0B	120	143	92.6	72.1	42.9	14.3	9.31	15.3	44.8	36.5B	16
17	16.8B	11.8B	116	132	88.1	83.7	39.7	14.1	9.48	15.7	43.7	35.5B	17
18	16.2B	11.7B	105	123	78.8	82.8	37.5	13.8	9.30	16.0	45.2	34.0B	18
19	15.8B	11.5B	100	122	71.7	83.1	36.3	13.8	9.23	15.5	47.2	32.2B	19
20	16.2B	11.4B	93.6	116	67.3	80.2	33.2	13.8	9.29	15.7	48.6	30.7B	20
21	14.8B	12.2B	84.6	131	63.2	67.9	33.4	13.5	9.82	16.0	44.4	30.0B	21
22	14.3B	13.6B	78.0	139	55.7	60.4	31.0	13.7	9.66	16.4	41.3	29.2B	22
23	13.9B	15.8B	73.8	141	53.5	48.8	28.3	13.5	9.77	16.3	40.3	28.7B	23
24	13.5B	18.5B	68.7	142	50.7	47.4	27.3	13.0	9.88	17.0	38.9	27.8B	24
25	13.2B	23.8B	63.6	137	47.3	40.8	26.1	12.7	10.0	18.1	46.9	27.3B	25
26	13.0B	29.0B	58.4	136	45.3	39.9	24.8	12.4	9.96	19.2	44.6	26.6B	26
27	14.2B	36.0B	56.1	131	49.8	40.8	23.9	12.1	9.27	21.8	46.6	26.3B	27
28	14.0B	50.0B	53.5	126	43.4	41.7	23.5	11.8	9.32	21.4	46.6	25.8B	28
29	13.6B	60.0B	51.0	125	37.8	39.6	23.1	11.6	10.0	21.8	50.7	25.3B	29
30	13.4B		47.4	123	35.7	44.2	22.2	11.6	11.3	22.2	55.3	25.0B	30
31	13.1B		115		35.0		22.0	11.5		21.9		24.8B	31
TOTAL	579.7	541.6	3 821.6	4 171	2 852.0	1 863.6	1 313.0	469.8	297.31	480.27	1 174.1	1 185.5	TOTAL
MEAN	18.7	18.7	127	139	95.2	54.8	42.4	15.0	9.91	15.5	39.1	38.2	MEAN
MAX	30.0	60.0	224	162	158	81.5	62.8	21.1	11.3	22.2	55.7	59.9	MAX
MIN	13.0	11.4	58.1	116	35.0	32.7	22.0	11.5	9.23	9.97	20.7	24.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.2
MAXIMUM DAILY, 224 ON MAR 6
MINIMUM DAILY, 9.23 ON SEP 19
MAXIMUM INSTANTANEOUS,
226 AT 18:52 NST ON MAR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 43 N
LONG 54 01 05 W
DRAINAGE AREA, 2 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	50 100	JUL	113 000
FEB	48 800	AUG	40 300
MAR	328 000	SEP	25 700
APR	360 000	OCT	41 500
MAY	255 000	NOV	101 000
JUN	142 000	DEC	102 000

TOTAL DISCHARGE, 1 820 000 dam³

TIDES BROOK BELOW FRESHWATER POND - STATION NO. 02ZC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.05	7.32	50.7	12.9	11.6	2.85	15.6	5.46	1.51	2.29	5.45	7.82	1
2	1.84	7.08	41.2	12.2	11.0	7.40	15.4	5.23	1.51	2.25	5.14	6.05	2
3	1.72 B	7.35	38.7	11.1	10.1	7.84	17.3	4.72	1.33	2.19	7.78	7.76	3
4	1.84 B	7.48	31.6	8.98	17.7	7.82	17.8	4.38	1.24	1.83	10.2	7.37	4
5	2.00 B	7.84	32.4	9.42	18.5	11.1	16.4	4.02	1.38	2.76	8.67	6.76	5
6	2.23 B	7.38	38.5	8.82	17.7	22.2	14.4	3.71	2.05	12.3	8.67	6.05	6
7	2.05 B	7.01	31.3	8.31	14.6	20.8	12.4	3.28	2.34	14.8	10.6	5.76	7
8	1.86 B	6.46	30.7	7.69	13.3	18.8	10.8	3.20	2.35	12.5	13.3	5.32	8
9	1.72 B	5.87	36.8	6.84	13.2	18.0	9.88	3.61	2.15	12.6	12.4	4.87	9
10	1.84 B	6.46	31.8	6.87	12.0	14.1	8.76	2.76	2.12	11.9	11.5	4.88	10
11	1.67 B	6.88	40.5	12.7	10.6	15.4	10.6	2.46	2.46	11.1	11.3	4.36	11
12	1.36 B	4.78B	48.6	12.6	10.3	14.1	11.2	2.45	2.78	13.3	10.6	3.86	12
13	1.32 B	4.16	36.4	11.6	8.43	13.4	10.6	2.18	2.73	12.6	9.74	3.73	13
14	1.42 B	4.39	28.1	10.6	7.43	13.2	9.12	2.44	3.62	11.6	8.67	3.27	14
15	1.61 B	5.12	21.9	9.80	8.62	11.6	8.56	2.50	5.20	10.7	11.7	2.86	15
16	1.50 B	5.86	17.4	9.03	8.02	10.6	7.87	2.45	5.34	9.82	11.3	3.20B	16
17	1.42 B	17.4	14.6	8.86	8.39	9.28	8.80	2.17	5.55	8.86	10.4	3.48	17
18	1.32 B	26.1	12.6	11.0	4.86	8.86	8.83	2.11	5.44	7.74	10.5	4.18	18
19	1.24 B	28.3	10.8	13.7	4.44	10.4	5.46	2.14	4.83	7.07	11.0	5.20	19
20	1.18 B	21.6	9.78	18.4	3.92	9.81	5.83	2.08	4.86	6.47	9.86	4.88	20
21	1.12 B	22.0	8.82	48.1	3.64	8.84	5.87	2.13	4.34	6.01	9.26	8.11	21
22	1.06 B	26.0	7.87	44.6	3.26	8.82	5.86	2.11	4.00	5.84	11.0	7.80	22
23	1.00 B	26.1	7.12	40.8	3.12	8.38	5.87	1.98	3.88	5.24	11.0	8.10	23
24	0.950B	33.3	8.83	33.4	2.87	8.81	5.80	1.80	3.64	5.50	9.70	7.84	24
25	0.910B	61.2	8.98	28.8	2.83	8.43	5.81	1.86	3.47	5.79	8.78	7.24	25
26	2.00 B	53.7	5.82	21.8	2.38	8.14	8.86	1.78	3.20	6.81	7.86	7.27	26
27	3.50 B	62.6	5.81	16.0	2.83	8.47	7.84	1.84	2.78	6.21	7.37	6.82	27
28	5.80 B	78.7	7.42	15.1	2.08	11.6	6.84	1.58	2.73	6.00	7.11	6.37	28
29	8.78	68.5	10.8	13.0	1.82	11.3	8.37	1.56	2.42	5.86	8.31	8.42	29
30	8.32		12.7	11.6	1.86	18.3	8.83	1.80	2.33	5.76	7.88	6.87	30
31	7.76		13.3		1.88		5.80	1.84		5.75		5.46B	31
TOTAL	73.670	818.42	884.28	462.39	237.27	344.28	288.41	81.88	93.76	238.12	289.38	177.84	TOTAL
MEAN	2.37	21.3	22.4	16.1	7.85	11.8	9.30	2.84	3.13	7.88	9.86	5.73	MEAN
MAX	8.78	78.7	50.7	48.1	18.5	22.3	17.8	8.46	8.86	14.8	13.3	8.10	MAX
MIN	0.910	4.16	8.81	8.84	1.82	2.85	5.46	1.80	1.24	1.83	8.14	2.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.68
MAXIMUM DAILY, 78.7 ON FEB 28
MINIMUM DAILY, 0.810B ON JAN 25
MAXIMUM INSTANTANEOUS,
83.2 AT 15:08 NST ON FEB 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 38 N
LONG 55 15 54 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 380	JUL	24 800
FEB	53 400	AUG	7 080
MAR	80 000	SEP	8 100
APR	41 700	OCT	20 600
MAY	20 500	NOV	25 000
JUN	29 700	DEC	15 300

TOTAL DISCHARGE, 313 000 dam³

TORRENT RIVER AT BRISTOL'S POOL - STATION NO. 02YC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.10B	5.90B	4.80B	60.3	22.2	63.7	20.4	6.56	11.3	18.6	13.7	48.4	1
2	6.00B	5.85B	4.90B	62.2	26.3	63.4	21.6	6.63	10.6	19.1	13.7	50.2	2
3	5.90B	5.80B	5.60B	56.6	26.3	48.6	22.1	6.80	9.89	21.2	14.4	48.1	3
4	5.80B	5.75B	6.20B	49.8	26.8	44.0	22.1	6.68	9.18	28.7	15.8	40.2	4
5	5.70B	5.70B	6.80B	44.4	26.8	44.8	21.4	6.76	8.78	40.1	16.8	34.8	5
6	5.80B	5.85B	7.50B	40.6	27.1	47.8	20.7	6.86	8.42	44.0	22.1	30.1	6
7	5.90B	5.95B	8.30B	38.1	27.8	48.8	20.0	6.64	8.07	40.7	24.4	26.2	7
8	5.45B	5.90B	9.20B	32.8	30.2	51.0	19.1	6.62	7.72	36.0	25.6	23.7	8
9	5.40B	5.45B	10.0 B	30.6	33.7	52.0	18.1	6.76	7.40	32.2	26.2	21.6	9
10	5.30B	5.40B	9.80B	30.8	37.0	48.8	16.8	6.94	7.19	28.7	26.8	20.1	10
11	5.20B	5.35B	8.60B	32.1	43.8	44.1	15.7	9.38	7.26	26.2	27.8	18.3	11
12	5.15B	5.30B	8.30B	33.8	60.7	39.6	15.3	10.8	8.21	27.6	28.4	16.8	12
13	5.05B	5.25B	8.10B	30.5	80.5	35.2	15.1	12.6	10.0	28.2	28.1	15.4	13
14	5.00B	5.20B	8.80B	27.8	133	32.7	15.2	14.2	14.2	28.1	28.7	14.1	14
15	7.00B	5.15B	8.50B	26.6	137	30.3	16.3	15.0	19.3	24.3	30.0	13.0	15
16	7.60B	5.10B	8.30B	23.3	133	27.8	17.7	15.3	22.8	23.2	30.1	12.3	16
17	7.40B	5.05B	8.00B	21.2	117	26.2	16.5	15.2	24.2	21.8	30.2	11.6	17
18	7.20B	5.00B	7.80B	19.6	106	24.7	20.7	14.8	24.1	20.4	29.2	11.3	18
19	7.10B	4.95B	7.60B	18.3	120	23.4	21.8	15.1	22.8	19.1	28.7	10.8	19
20	7.00B	4.95B	7.30B	16.9	131	22.2	22.4	16.3	20.8	18.3	33.6	9.82	20
21	6.85B	4.90B	7.10B	16.3	127	21.2	22.1	17.5	18.3	17.3	35.5	8.84	21
22	6.80B	4.88B	6.90B	16.1	147	21.0	20.6	18.7	18.1	16.3	33.3	9.31	22
23	6.85B	4.85B	6.80B	16.1	171	21.4	18.2	19.3	18.8	15.8	30.6	9.01	23
24	6.80B	4.62B	6.39B	16.3	150	22.3	17.9	19.3	18.9	15.7	28.9	8.81	24
25	6.50B	4.60B	6.41	16.3	133	22.4	18.2	18.9	14.9	15.4	26.7	8.58	25
26	6.40B	4.75B	6.40	15.9	122	22.1	14.4	17.9	14.3	15.0	23.7	8.22	26
27	6.30B	4.72B	6.84	15.7	106	21.1	12.4	16.6	14.6	14.7	22.0	7.86	27
28	6.20B	4.70B	7.31	15.9	95.6	20.4	10.8	14.9	15.4	14.5	20.6	7.85B	28
29	6.15B	4.65B	10.0	16.4	89.1	19.7	9.84	13.6	16.6	14.2	22.3	7.48B	29
30	6.05B		24.1	16.6	82.6	18.4	9.17	13.2	17.7	14.0	31.6	7.10B	30
31	6.00B		47.3		73.9		8.93	12.3		13.6		8.90B	31
TOTAL	181.95	150.98	282.25	855.2	2 643.8	1 018.2	542.44	406.84	425.75	711.1	773.2	583.75	TOTAL
MEAN	6.18	5.21	9.43	28.5	85.3	33.9	17.5	13.2	14.2	22.8	25.8	18.3	MEAN
MAX	7.60	5.80	47.3	62.2	171	62.7	22.4	19.3	24.2	44.0	35.5	50.2	MAX
MIN	5.05	4.65	4.80	15.7	22.2	18.4	8.93	6.56	7.19	13.6	13.7	6.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.4
MAXIMUM DAILY, 171 ON MAY 23
MINIMUM DAILY, 4.80B ON MAR 1
MAXIMUM INSTANTANEOUS,
175 AT 13:00 NST ON MAY 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 27 N
LONG 57 08 04 W
DRAINAGE AREA, 824 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 800	JUL	48 800
FEB	13 000	AUG	35 300
MAR	25 300	SEP	38 800
APR	73 800	OCT	81 400
MAY	228 000	NOV	68 800
JUN	88 000	DEC	48 700

TOTAL DISCHARGE, 741 000 dam³

NEWFOUNDLAND AND LABRADOR

TROUT BROOK NEAR BELLEVUE - STATION NO. 02IK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.570B	0.500B	3.44	1.62	3.34	0.407	11.2	0.831	0.272	0.700	0.648	1.65	1
2	0.500B	0.420B	2.89	1.40	1.97	0.518	5.45	0.728	0.242	0.644	0.571	1.80	2
3	0.430B	0.880B	2.54	1.19	1.76	0.720	4.13	0.621	0.218	0.621	3.08	1.51	3
4	0.400B	0.530B	2.30	1.04	3.12	0.735	2.74	0.521	0.181	0.537	2.63	1.33	4
5	0.520B	0.460B	5.84	1.28	3.03	1.09	1.88	0.448	0.163	0.880	1.92	1.15 B	5
6	0.450B	0.580B	4.67	1.24	2.34	1.92	1.43	0.388	0.241	4.75	1.61	0.970B	6
7	0.380B	0.680B	3.22	1.08	1.89	2.38	1.25	0.335	0.228	2.39	1.84	0.840B	7
8	0.330B	0.582B	4.37	0.933	2.48	1.91	1.06	0.317	0.200	1.69	2.31	0.750B	8
9	0.290B	0.420B	3.84	0.825	2.42	1.58	1.05	0.332	0.180	1.38	1.81	0.650B	9
10	0.285B	0.350B	3.21	0.819	3.03	1.88	0.948	0.303	0.166	1.25	1.78	0.888B	10
11	0.240B	0.300B	5.85	1.26	2.83	3.85	2.42	0.245	0.278	1.08	1.78	0.538B	11
12	0.225B	0.250B	5.00 B	2.20	2.29	2.43	2.13	0.218	0.276	1.50	2.18	0.485B	12
13	0.210B	0.350B	3.80 B	2.21	1.88	2.08	1.83	0.195	0.248	1.24	1.57	0.450B	13
14	0.330B	0.900B	2.70 B	2.10	1.55	1.85	1.38	0.433	0.822	1.09	1.41	0.420B	14
15	0.420B	1.58 B	2.16	2.89	1.48	1.49	1.14	0.533	1.58	1.04	1.88	0.800B	15
16	0.380B	3.80 B	1.70	2.58	1.28	1.20	1.01	0.423	1.03	1.06	1.83	1.30 B	16
17	0.330B	5.00 B	1.41	2.00	1.02	0.943	0.878	0.334	1.43	0.945	1.32	1.00 B	17
18	0.288B	4.80 B	1.26 B	1.88	0.886	1.74	0.788	0.388	1.38	0.801	1.37	1.40 B	18
19	0.250B	3.20 B	1.10 B	1.44	0.720	2.78	0.678	0.430	1.13	0.707	1.42	1.21 B	19
20	0.225B	2.85 B	0.933	1.32	0.810	1.77	0.711	0.390	0.812	0.648	1.18	1.00 B	20
21	0.200B	5.00 B	0.840B	2.44	0.851	1.45	0.880	0.331	0.786	0.724	1.07	1.22 B	21
22	0.220B	4.20 B	0.760B	2.00	0.484	1.26	0.803	0.308	0.721	0.888	2.22	1.85 B	22
23	0.300B	3.00 B	0.880B	2.01	0.483	1.08	0.582	0.285	0.752	0.819	1.84	1.70 B	23
24	0.230B	8.81	0.820B	1.78	0.848	1.49	0.543	0.237	0.881	0.840	1.28 B	1.47 B	24
25	0.190B	18.7	0.868B	1.48	0.840	1.18	0.473	0.227	0.842	0.881	1.05 B	1.31 B	25
26	0.420B	8.07	0.830B	1.34	0.841	0.908	0.428	0.218	0.468	1.02	0.880B	1.15 B	26
27	0.700B	8.08	0.880	1.27	0.880	1.48	0.381	0.197	0.418	1.13	1.08	1.01 B	27
28	1.25 B	7.88	1.71	1.14	0.483	1.78	0.348	0.188	0.385	0.868	1.28	0.900B	28
29	1.00 B	8.40	2.32	0.883	0.443	2.84	0.820	0.209	0.456	0.888	2.08	0.780B	29
30	0.780B		2.02	0.871	0.387	14.0	0.620	0.218	0.788	0.835	1.73	1.40 B	30
31	0.600B		1.88		0.381		0.808	0.279		0.780		1.20 B	31
TOTAL	12.020	97.282	74.848	48.181	44.275	80.871	50.888	11.089	17.269	33.884	48.188	33.348	TOTAL
MEAN	0.417	3.35	2.41	1.84	1.43	2.02	1.84	0.387	0.578	1.08	1.81	1.08	MEAN
MAX	1.25	18.7	5.85	2.88	3.34	14.0	11.2	0.831	1.58	4.75	3.08	1.80	MAX
MIN	0.190	0.250	0.830	0.819	0.381	0.407	0.348	0.188	0.188	0.837	0.871	0.420	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.45
MAXIMUM DAILY, 18.7 ON FEB 25
MINIMUM DAILY, 0.188 ON SEP 10
MAXIMUM INSTANTANEOUS,
21.7E AT 08:40 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 21 N
LONG 53 46 53 W
DRAINAGE AREA, 80.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 120	JUL	4 380
FEB	8 400	AUG	855
MAR	6 480	SEP	1 490
APR	3 880	OCT	2 900
MAY	3 830	NOV	4 180
JUN	8 230	DEC	2 880

TOTAL DISCHARGE, 45 800 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 18.3 IS DUE TO CURVE EXTENSION

UGJOKTOK RIVER BELOW HARP LAKE - STATION NO. 03NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.58	18.08	14.88	14.88	12.78	701	338	150	80.8	318	135	39.08	1
2	24.28	17.88	14.68	14.68	12.78	772	313	146	78.8	303	120 B	38.08	2
3	23.88	17.78	14.78	14.78	12.68	717	308	145	78.8	291	113 B	37.58	3
4	23.58	17.88	14.88	14.88	12.88	887	307	140	78.1	277	118 B	36.58	4
5	23.28	17.58	14.88	14.58	12.58	688	302	138	78.0	259	100 B	36.08	5
6	23.08	17.38	14.48	14.48	14.88	700	288	132	77.7	241	88.08	35.08	6
7	22.88	17.28	14.38	14.38	17.28	887	282	127	83.8	228	77.08	34.08	7
8	22.88	17.08	14.38	14.38	20.88	838	288	124	84.4	218	71.08	33.58	8
9	22.28	16.98	14.28	14.18	24.88	803	248	120	87.0	208	67.08	33.08	9
10	22.08	16.88	14.18	14.08	30.48	888	234	117	83.8	194	63.08	32.08	10
11	21.88	16.78	14.18	13.98	38.28	868	223	113	101	185	58.08	31.58	11
12	21.58	16.88	14.08	13.88	80.88	808	222	109	108	177	56.08	30.58	12
13	21.28	16.58	17.28	13.88	88.08	838	223	106	111	170	53.08	30.08	13
14	21.18	16.48	17.08	13.88	88.08	832	218	103	112	162	50.08	29.58	14
15	20.88	16.38	16.98	13.78	117 B	808	213	101	117	158	49.08	29.08	15
16	20.88	16.28	16.88	13.78	170 B	810	212	98.8	118	150	46.08	28.58	16
17	20.58	16.08	16.78	13.88	245 B	898	212	98.8	118	144	44.08	28.08	17
18	20.38	15.88	16.58	13.58	370 B	878	208	98.3	118	140	51.08	27.58	18
19	20.18	15.68	16.38	13.58	581	877	202	97.5	122	138	54.08	27.08	19
20	19.88	15.78	16.28	13.48	887	887	193	95.1	123	133	58.58	26.78	20
21	19.78	15.88	16.08	13.48	872	871	180	95.7	126	133	55.08	26.58	21
22	19.88	15.58	15.88	13.38	1 030	870	178	94.7	147	132	53.08	26.08	22
23	19.48	15.48	15.88	13.38	944	828	170	92.4	208	121	51.08	25.78	23
24	19.28	15.38	15.88	13.28	833	488	184	90.8	270	128	49.08	25.38	24
25	19.08	15.38	15.88	13.18	713	487	157	88.7	288	124	47.58	25.08	25
26	18.88	15.28	15.58	13.08	823	483	152	85.7	313	130	45.58	24.98	26
27	18.78	15.18	15.38	12.88	588	438	148	84.4	333	139	44.08	24.58	27
28	18.68	15.08	15.28	12.88	844	418	184	83.8	348	142	42.58	24.38	28
29	18.58	14.88	15.18	12.88	838	387	188	81.8	348	145	41.88	24.08	29
30	18.38		15.08	12.88	834	370	187	83.7	338	147	41.08	23.78	30
31	18.18		14.88		578		182	81.7		145		23.58	31
TOTAL	647.8	473.3	478.7	412.0	10 418.3	17 448	8 788	3 318.1	4 685.7	5 578	1 939.8	916.1	TOTAL
MEAN	20.8	16.3	15.4	13.7	336	582	219	107	157	180	64.7	29.8	MEAN
MAX	24.5	18.0	17.2	14.8	1 030	772	338	150	348	318	135	39.0	MAX
MIN	18.1	14.8	14.0	12.8	12.8	370	148	81.7	78.0	124	41.0	23.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 145
MAXIMUM DAILY, 1 030 ON MAY 22
MINIMUM DAILY, 12.58 ON MAY 5
MAXIMUM INSTANTANEOUS,
1 050 AT 08:20 AST ON MAY 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 14 00 N
LONG 61 17 57 W
DRAINAGE AREA, 7 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	85 800	JUL	887 000
FEB	40 800	AUG	287 000
MAR	41 200	SEP	406 000
APR	35 800	OCT	842 000
MAY	900 000	NOV	188 000
JUN	1 510 000	DEC	78 200

TOTAL DISCHARGE, 4 590 000 dam³

UNKNOWN RIVER AT LEWISPORTE - STATION NO. 02YB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1658	0.1508	0.556	1.28	1.17	0.432	0.193	0.080	0.032	0.045	---	---	1
2	0.1758	0.178	0.529	1.01	1.13	0.781	0.200	0.081	0.030	0.080	---	---	2
3	0.1708	0.225	0.649	0.781	0.908	0.612	0.316	0.071	0.028	0.083	---	---	3
4	0.1828	0.193	0.661	0.658	0.894	0.948	0.353	0.071	0.028	0.084	---	---	4
5	0.1668	0.1768	0.633	0.600	0.895	0.908	0.241	0.071	0.023	0.103	---	---	5
6	0.1538	0.1628	0.505	0.546	0.873	0.918	0.227	0.071	0.027	0.240	---	---	6
7	0.1468	0.1508	0.432	0.520	0.903	0.907	0.207	0.080	0.023	0.303	---	---	7
8	0.1448	0.1408	0.446	0.507	0.953	0.788	0.184	0.077	0.023	0.212	---	---	8
9	0.1408	0.1328	0.377	0.437	0.883	0.801	0.186	0.072	0.020	0.174	---	---	9
10	0.1368	0.1238	0.306	0.613	0.843	0.685	0.172	0.073	0.020	0.178	---	---	10
11	0.1318	0.1188	0.307	0.781	0.854	0.494	0.152	0.072	0.020	0.184	---	---	11
12	0.1368	0.1128	0.418	0.685	1.08	0.441	0.144	0.088	0.023	0.264	---	---	12
13	0.1458	0.1148	0.491	0.597	1.10	0.384	0.136	0.080	0.017	0.238	---	---	13
14	0.1608	0.1248	0.513	0.546	0.986	0.360	0.126	0.088	0.028	0.227	---	---	14
15	0.1728	0.1368	0.361	0.852	0.884	0.318	0.126	0.068	0.026	0.223	---	---	15
16	0.1858	0.1608	0.3508	0.611	0.812	0.310	0.126	0.062	0.025	0.226	---	---	16
17	0.1558	0.1388	0.3208	0.488	0.718	0.284	0.116	0.063	0.023	0.222	---	---	17
18	0.1508	0.1258	0.2958	0.467	0.609	0.268	0.110	0.063	0.024	0.207	---	---	18
19	0.1428	0.1198	0.2708	0.547	0.521	0.227	0.106	0.055	0.021	0.202	---	---	19
20	0.1368	0.1128	0.2558	0.578	0.453	0.234	0.106	0.048	0.017	0.187	---	---	20
21	0.1268	0.1068	0.2358	0.671	0.408	0.278	0.103	0.038	0.018	0.177	---	---	21
22	0.1248	0.1208	0.2208	0.847	0.375	0.241	0.100	0.048	0.018	---	---	---	22
23	0.1188	0.182	0.2028	1.01	0.440	0.268	0.088	0.052	0.018	---	---	---	23
24	0.1158	0.188	0.1908	0.843	0.416	0.227	0.094	0.088	0.018	---	---	---	24
25	0.1108	0.260	0.2058	0.644	0.380	0.204	0.082	0.054	0.018	---	---	---	25
26	0.1078	0.308	0.221	0.744	0.431	0.202	0.080	0.052	0.018	---	---	---	26
27	0.1768	0.390	0.247	0.671	0.673	0.210	0.088	0.048	0.018	---	---	---	27
28	0.1598	0.424	0.648	0.720	0.598	0.212	0.088	0.052	0.018	---	---	---	28
29	0.1468	0.467	1.52	0.739	0.557	0.203	0.078	0.048	0.032	---	---	---	29
30	0.1368		1.68	0.603	0.497	0.182	0.077	0.048	0.038	---	---	---	30
31	0.1268		1.53		0.441		0.080	0.037		---	---	---	31
TOTAL	4.521	5.302	15.577	20.918	22.958	13.284	4.314	1.888	0.878	---	---	---	TOTAL
MEAN	0.148	0.183	0.502	0.697	0.741	0.442	0.139	0.060	0.023	---	---	---	MEAN
MAX	0.188	0.467	1.68	1.28	1.17	0.948	0.353	0.081	0.038	---	---	---	MAX
MIN	0.107	0.105	0.180	0.437	0.380	0.182	0.077	0.037	0.015	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.68 ON MAR 30
MINIMUM DAILY, 0.015 ON SEP 26
MAXIMUM INSTANTANEOUS,
1.83 AT 20:55 NST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 02 N
LONG 55 03 56 W
DRAINAGE AREA, 15.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	381	JUL	373
FEB	456	AUG	181
MAR	1 350	SEP	68.8
APR	1 810	OCT	---
MAY	1 980	NOV	---
JUN	1 150	DEC	---

UPPER HUMBER RIVER ABOVE BLACK BROOK - STATION NO. 03YL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.50B	3.28B	16.5B	73.0B	26.5E	65.3	24.7	5.88E	8.76	19.7	10.8	60.8	1
2	7.10B	3.48B	23.0B	82.0B	23.0E	57.6	22.8	5.98E	8.48	17.7	16.8	38.8	2
3	8.70B	3.45B	21.0B	50.0B	20.0E	51.8	30.1	8.03E	8.38E	16.7	46.7	29.1	3
4	8.40B	3.38B	18.8B	36.0B	17.0E	41.4	26.9	8.02E	8.14E	19.8	74.7	22.0	4
5	8.10B	3.30B	16.1B	32.0B	16.2A	39.7	23.7	8.92E	8.91E	24.5	58.0	19.8	5
6	8.90B	3.20B	16.8B	27.0B	19.6	53.5	18.7	8.98E	8.91E	27.2	39.1	18.6	6
7	8.70B	3.10B	15.5B	26.0B	30.5	87.1	15.5	8.88E	8.88E	35.6	33.1	15.0 B	7
8	8.50B	3.00B	14.4B	23.0B	41.8	82.0	13.4	8.90E	8.73E	37.3	31.8	13.5 B	8
9	8.35B	2.95B	13.5B	21.5B	47.4	47.3	12.0	8.87E	8.73E	31.8	28.9	12.1 B	9
10	8.20B	2.88B	12.8B	20.0B	55.0	36.8	10.9	8.15E	8.70E	27.2	27.2	10.8 B	10
11	8.00B	2.80B	14.0B	19.6B	78.5	30.8	10.1	7.84	7.17	32.9	28.0	9.80B	11
12	4.80B	2.75B	15.5B	18.0B	136	28.5	9.34	8.50	8.62	38.8	48.0	8.80B	12
13	5.00B	2.70B	17.4B	17.0B	183	30.0	8.95	8.78	8.62	38.8	41.4	8.30B	13
14	5.20B	2.82B	16.5B	16.0B	182	31.0	11.5	10.9	13.5	30.1	30.3	7.80B	14
15	5.18B	2.85B	16.4B	15.0B	150	27.5	12.5	10.5	22.3	28.4	24.3	7.48B	15
16	5.08B	2.90B	17.0B	15.0B	104	24.5	13.5	8.81	23.1	22.8	21.3	7.08B	16
17	4.80B	2.44B	16.0B	14.5B	78.6	23.7	13.9	9.27	20.0	19.4	18.5	6.75B	17
18	4.60B	2.40B	15.0B	14.3B	176	23.5	12.8	8.60	18.8	17.1	21.0	6.40B	18
19	4.50B	2.35B	14.2B	14.5B	243	23.0	11.4	8.05	14.6	15.8	32.4	6.00B	19
20	4.30B	2.30B	13.4B	14.0B	187	21.7	10.4	8.93	13.3	15.0	31.8	7.00B	20
21	4.20B	2.45B	12.7B	15.1B	241	20.1	9.52	10.5	11.9	14.6	24.2	8.40B	21
22	4.00B	2.80B	12.2B	15.1B	287	18.8	8.74	11.0	11.0	15.3	21.8	7.80B	22
23	3.83B	2.85B	11.5B	14.0B	188	17.6	7.98	11.0	10.3	15.2	18.8	7.40B	23
24	3.70B	2.40B	11.0B	14.5B	182	16.6	7.35	10.8	9.74	15.2	15.2	7.00B	24
25	3.80B	4.30B	10.8B	14.1B	144	15.8	7.08	10.1	9.58	15.1	13.5B	6.80B	25
26	3.50B	6.40B	10.7B	14.5E	122	15.2	8.78	9.43	11.8	14.6	12.2B	6.35B	26
27	3.40B	6.30B	15.0B	15.5E	128	14.5	8.55	8.95	17.3	14.4	11.2B	6.00B	27
28	3.30B	12.0 B	23.0B	16.5E	137	14.1	8.37E	8.39	20.0	14.3	10.4B	5.65B	28
29	3.20B	15.0 B	37.5B	21.5E	128	15.6	8.12E	7.76	21.4	14.6	34.0	5.45B	29
30	3.15B		60.0B	24.5E	97.5	25.1	8.84E	7.44	22.3	18.2	60.2	5.15B	30
31	3.10B		78.0B		84.4		8.52E	7.19		17.3		5.00B	31
TOTAL	146.83	114.87	535.1	598.4	3 497.8	950.8	394.87	288.02	388.80	676.3	908.4	385.55	TOTAL
MEAN	4.80	3.88	20.5	23.3	113	31.7	12.7	8.28	11.8	21.8	30.3	12.4	MEAN
MAX	7.50	15.0	80.0	73.0	287	87.1	30.1	11.0	23.1	38.8	80.2	60.8	MAX
MIN	3.10	2.30	10.8	14.1	18.2	14.1	5.52	5.88	5.72	14.3	10.4	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.7
MAXIMUM DAILY, 287 ON MAY 22
MINIMUM DAILY, 2.30B ON FEB 20
MAXIMUM INSTANTANEOUS,
287 AT 05:10 NST ON MAY 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 37 08 N
LONG 57 17 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	34 100
FEB	8 930	AUG	22 100
MAR	54 000	SEP	30 700
APR	80 300	OCT	58 600
MAY	302 000	NOV	78 600
JUN	82 100	DEC	33 300

TOTAL DISCHARGE, 779 000 dam³

REMARKS - THE E FOR DISCHARGE BELOW 8.48 IS DUE TO CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

UPPER HUMBER RIVER NEAR REIDVILLE - STATION NO. 02YL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.0B	11.3 B	27.0B	270 B	176	211	80.6	12.1	14.0	70.3	86.4	196	1
2	17.3B	12.0 B	33.0B	240	186	186	82.2	12.1	13.9	82.7	84.4	181	2
3	17.0B	12.8 B	42.0B	185	182	180	82.7	11.8	13.0	86.3	93.2	118	3
4	15.5B	13.3 B	54.0B	154	136	180	106	11.4	12.1	82.5	244	70.0B	4
5	16.0B	13.2 B	68.0B	128	133	184	96.6	10.8	11.3	83.8	284	52.0B	5
6	15.7B	13.0 B	82.0B	116	136	183	78.6	10.4	12.7	83.7	181	43.0B	6
7	16.3B	12.7 B	72.0B	111	183	207	83.8	9.86	11.7A	114	163	36.0B	7
8	16.0B	12.5 B	64.0B	105 B	190	246	93.2	9.31	11.6A	123	149	34.5B	8
9	14.8B	12.1 B	59.0B	100 B	206	221	94.9	9.79	10.9	112	144	32.0B	9
10	14.8B	11.9 B	54.0B	95.0B	223	187	86.6	10.3	10.9	99.1	124	29.0B	10
11	14.3B	11.7 B	50.0B	88.0B	263	129	34.1	11.7	47.2	92.0	114	27.3B	11
12	14.2B	11.4 B	51.0B	83.0B	336	104	30.4	12.0	84.8	96.4	145	25.0B	12
13	14.5B	11.2 B	57.0B	79.0B	458	81.9	46.0	13.0	88.1	113	186	24.5B	13
14	15.0B	11.0 B	63.0B	74.0B	580	68.1	59.8	14.1	56.5	110	141	23.2B	14
15	16.0B	10.8 B	66.0B	71.0B	672	61.9	56.3	15.0	76.3	85.2	116	21.6B	15
16	16.1B	10.4 B	64.0B	68.0B	611	74.5	60.7	15.8	82.7	84.8	101	20.5B	16
17	15.9B	10.2 B	61.0B	67.0B	415	67.5	58.4	15.4	74.1	78.1	87.1	19.5B	17
18	15.5B	10.0 B	58.0B	66.0B	385	62.7	50.5	17.2	64.0	88.5	80.0	18.8B	18
19	14.0B	9.80B	55.0B	67.0B	585	55.5	43.1	22.2	54.7	57.5	102	17.8B	19
20	14.0B	9.80B	52.0B	70.0B	584	53.4	37.4	24.1	47.5	50.5	116	24.0B	20
21	14.0B	10.1 B	50.0B	71.0B	586	56.7	34.3	26.3	41.2	48.9	102	28.0B	21
22	13.7B	10.5 B	48.0B	71.5B	526	50.3	30.5	29.3	37.1	52.8	86.1	24.0B	22
23	13.4B	11.4 B	46.0B	70.0B	651	47.8	28.3	32.3	34.1	53.0	80.0B	23.0B	23
24	13.1B	12.5 B	44.0B	67.0B	547	44.6	23.3	32.2	30.9	57.1	81.0B	21.6B	24
25	12.9B	14.0 B	42.0B	64.0B	480	42.1	21.0	30.1	28.2	62.1	68.5B	20.5B	25
26	12.8B	15.5 B	41.5B	66.5	417	39.3	19.4	27.3	26.5	81.5	62.0B	19.3B	26
27	12.3B	17.0 B	42.0B	78.5	407	36.6	17.3	23.9	26.6	97.8	58.5B	18.3B	27
28	12.0B	19.0 B	44.0B	85.5	408	36.7	15.9	21.4	33.0	84.5	57.0B	18.3B	28
29	11.8B	22.3 B	46.0B	89.4	384	45.7	15.2	19.5	57.1	63.2	44.0B	17.3B	29
30	11.5B		50.0B	124	341	66.1	14.0	17.7	70.5	52.8	180	16.5B	30
31	11.1B		135 B		274		12.9	16.4		54.5		15.0B	31
TOTAL	449.3	383.80	1 783.0	3 057.7	11 898	3 220.5	1 446.4	644.26	1 136.3	2 277.9	3 304.5	1 220.1	TOTAL
MEAN	14.5	12.5	57.5	102	377	107	46.7	17.8	37.0	73.5	110	39.4	MEAN
MAX	17.8	22.3	135	270	684	246	106	32.3	82.7	123	284	196	MAX
MIN	11.1	9.80	27.0	64.0	133	38.5	12.9	9.31	10.9	48.9	37.0	15.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.3
MAXIMUM DAILY, 684 ON MAY 20
MINIMUM DAILY, 9.31 ON AUG 8
MAXIMUM INSTANTANEOUS,
732 AT 20:33 NST ON MAY 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 14 26 N
LONG 57 21 45 W
DRAINAGE AREA, 2 110 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 800	JUL	125 000
FEB	31 400	AUG	47 000
MAR	154 000	SEP	88 200
APR	264 000	OCT	197 000
MAY	1 010 000	NOV	286 000
JUN	278 000	DEC	106 000

TOTAL DISCHARGE, 2 836 000 dam³

VIRGINIA RIVER AT CARTWRIGHT PLACE - STATION NO. 022MD19

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.084	0.128	0.589	0.266	0.188	0.280E	0.407	0.111	0.086	0.285	0.118	0.380	1
2	0.083	0.122	0.892	0.252	0.226	0.220E	0.287	0.102	0.035	0.205	0.108	0.320	2
3	0.087	0.183	0.767	0.208	0.253	0.240E	0.204	0.088	0.016E	0.185	1.40 E	0.277	3
4	0.087	0.172	0.514	0.178	0.761	0.210E	0.167	0.091	0.022E	0.138	0.770E	0.248	4
5	0.088	0.187	0.788	0.210	0.548	0.170E	0.137	0.080	0.019E	0.109	0.480E	0.237	5
6	0.086	0.188	0.884	0.226	0.318	0.180E	0.118	0.074	0.035	0.281	0.250E	0.224	6
7	0.081	0.136	0.441	0.189	0.234	0.200E	0.156	0.068	0.033	0.302	0.400E	0.185	7
8	0.083	0.106	0.337	0.166	0.382	0.185E	0.145	0.074	0.020E	0.225	0.370E	0.185	8
9	0.0808	0.097	1.88	0.149	0.350	0.130E	0.141	0.070	0.011E	0.181	0.350E	0.180	9
10	0.088	0.085	0.773	0.146	0.272	0.250E	0.128	0.065	0.010E	0.168	0.320A	0.161	10
11	0.074	0.088	0.548	0.267	0.537	0.200E	0.152	0.058	0.132	0.238	0.280	0.141	11
12	0.089	0.089	0.447	1.12	0.368	0.220E	0.144	0.051	0.184	0.618	0.248	0.1328	12
13	0.082	0.088	0.425	0.858	0.254	0.185E	0.137	0.043	0.146	0.617	0.208	0.1278	13
14	0.087	0.262	0.288	0.459	0.208	0.135E	0.120	0.057	0.112	0.391	0.188	0.1168	14
15	0.078	0.281	0.215	0.487	0.188	0.115E	0.102	0.045	0.113	0.318	0.232	0.213	15
16	0.073	0.260	0.202	0.388	0.148	0.107A	0.120	0.049	0.084	0.271	0.231	0.326	16
17	0.0678	1.48	0.187	0.328	0.129	0.081	0.108	0.052	0.089	0.232	0.232	0.312	17
18	0.0858	1.08	0.148	0.286	0.116	0.118	0.098	0.073	0.084	0.196	0.218	0.306	18
19	0.0818	0.582	0.126	0.218	0.107	0.181	0.089	0.065	0.040	0.181	0.213	0.348	19
20	0.0578	0.322	0.181	0.198	0.094	0.154	0.107	0.074	0.033	0.162	0.189	0.282	20
21	0.087	0.261	0.181	0.818	0.090	0.114	0.108	0.079	0.037	0.159	0.184	0.338	21
22	0.0878	0.578	0.180	0.567	0.088	0.088	0.095	0.052	0.034	0.149	0.471	0.536	22
23	0.0828	0.412	0.131	0.420	0.081	0.074	0.104	0.253	0.036	0.137	0.568	0.524	23
24	0.0598	0.801	0.112	0.298	0.083	0.076	0.100	0.268	0.024E	0.134	0.428	0.382	24
25	0.084	2.92	0.096	0.228	0.087	0.085	0.084	0.224	0.018E	0.136	0.328	0.292	25
26	0.102	1.07	0.090	0.213	0.088	0.088	0.088	0.136	0.015E	0.148	0.284	0.288	26
27	0.245	1.30	0.126	0.210	0.089A	0.138	0.081	0.088	0.018E	0.161	0.422	0.237	27
28	0.283	2.10	0.299	0.188	0.085E	0.150	0.084	0.087	0.022E	0.144	0.588	0.202	28
29	0.226	1.05	0.373	0.179	0.081E	0.128	0.120	0.032	0.127	0.138	0.884	0.249	29
30	0.171		0.327	0.164	0.088E	0.278	0.118	0.031	0.328	0.133	0.628	0.233	30
31	0.135		0.327		0.087E		0.115	0.074		0.120		0.185	31
TOTAL	2.698	16.503	13.403	8.728	8.512	4.765	4.188	2.898	1.871	8.774	11.258	8.132	TOTAL
MEAN	0.083	0.569	0.432	0.324	0.210	0.159	0.134	0.087	0.062	0.219	0.375	0.262	MEAN
MAX	0.283	2.92	1.88	1.12	0.761	0.278	0.407	0.268	0.328	0.618	1.40	0.536	MAX
MIN	0.062	0.058	0.090	0.148	0.087	0.085	0.085	0.031	0.016	0.109	0.108	0.118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.242
MAXIMUM DAILY, 2.92 ON FEB 25
MINIMUM DAILY, 0.010E ON SEP 10
MAXIMUM INSTANTANEOUS,
3.70 AT 11:12 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 06 N
LONG 52 42 06 W
DRAINAGE AREA, 5.55 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	250	JUL	380
FEB	1 430	AUG	233
MAR	1 150	SEP	162
APR	841	OCT	585
MAY	883	NOV	972
JUN	411	DEC	703

TOTAL DISCHARGE, 7 870 dam³

REMARKS - THE E FOR DISCHARGE BELOW .026 IS DUE TO CURVE EXTENSION

VIRGINIA RIVER AT PLEASANTVILLE - STATION NO. 02ZM018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.213	0.238	1.36	0.752	0.575	0.574	0.737	0.151	0.145	0.373	0.131	0.621	1
2	0.201	0.277	2.61	0.581	0.626	0.501	0.462	0.138	0.117	0.263	0.136	0.518	2
3	0.188	0.431	1.67	0.500	0.680	0.535	0.349	0.126	0.088	0.215	3.10	0.432	3
4	0.185	0.367	1.11	0.411	2.07	0.382	0.288	0.130	0.101	0.178	1.73	0.378	4
5	0.189	0.379	2.23	0.858	1.30	0.385	0.232	0.117	0.083	0.186	0.818	0.365	5
6	0.208	0.334	1.81	0.554	0.761	0.404	0.202	0.112	0.141	0.732	0.805	0.306	6
7	0.188	0.285	0.957	0.451	0.605	0.436	0.311	0.107	0.110	0.435	0.887	0.268	7
8	0.170E	0.238	0.674	0.367	1.18	0.321	0.234	0.125	0.082	0.396	0.808	0.249	8
9	0.180E	0.208	3.89	0.378	0.855	0.274	0.226	0.107	0.078	0.247	0.888	0.242	9
10	0.189	0.188	1.78	0.387	0.761	0.588	0.200	0.111	0.073	0.289	0.688	0.233	10
11	0.148B	0.188B	2.78	1.05	1.72	0.581	0.282	0.110	0.615	0.650	0.488	0.302	11
12	0.130B	0.183B	1.89	2.86	0.826	0.386	0.231	0.088	0.283	1.38	0.446	0.190B	12
13	0.120B	0.278	0.998	1.67	0.610	0.325	0.237	0.104	0.228	0.745	0.381	0.180B	13
14	0.180B	0.686	0.684	1.31	0.805	0.265	0.214	0.340	0.202	0.870	0.378	0.172B	14
15	0.185B	0.823	0.842	1.42	0.435	0.245	0.175	0.183	0.193	0.484	0.801	0.878	15
16	0.152B	0.788	0.480	1.01	0.357	0.215	0.203	0.152	0.153	0.405	0.438	0.718	16
17	0.140B	4.70	0.483	0.878	0.328	0.188	0.185	0.128	0.126	0.337	0.477	0.548	17
18	0.130B	2.48	0.358	0.710	0.304	0.348	0.151	0.487	0.113	0.285	0.428	0.478	18
19	0.123B	1.24	0.307	0.847	0.248	0.372	0.147	0.241	0.092	0.234	0.381	0.735	19
20	0.118B	0.735	0.812	0.578	0.229	0.285	0.190	0.187	0.083	0.211	0.358	0.558	20
21	0.167	1.27	0.524	2.38	0.217	0.308	0.165	0.178	0.082	0.210	0.332	0.803	21
22	0.151	1.53	0.358	1.35	0.218	0.177	0.183	0.152	0.085	0.182	1.85	1.30	22
23	0.143B	1.08	0.284	0.988	0.262	0.150	0.158	0.314	0.083	0.172	1.18	0.880	23
24	0.135B	2.75	0.275	0.724	6.211	0.181	0.185	0.363	0.076	0.183	0.888	0.722	24
25	0.128B	8.44	0.263	0.882	0.201	0.136	0.147	0.308	0.089	0.183	0.618	0.515	25
26	0.377	2.30	0.241	0.868	0.182	0.150	0.128	0.185	0.081	0.188	0.838	0.484	26
27	0.633	3.38	0.423	0.545	0.165	0.383	0.134	0.150	0.087	0.183	1.01	0.388	27
28	0.576	4.34	0.858	0.540	0.140	0.271	0.130	0.128	0.088	0.177	1.13	0.348	28
29	0.443	2.08	0.625	0.449	0.131	0.211	0.318	0.104	0.618	0.155	1.08	0.508	29
30	0.328		0.823	0.408	0.125	0.840	0.173	0.188	0.837	0.156	0.783	0.408	30
31	0.254		0.802		0.125		0.137	0.172		0.155		0.312	31
TOTAL	6.576	39.878	33.180	25.838	17.065	10.231	8.895	5.470	4.871	10.484	22.521	14.878	TOTAL
MEAN	0.212	1.38	1.07	0.861	0.550	0.341	0.225	0.176	0.162	0.337	0.751	0.483	MEAN
MAX	0.833	8.44	3.89	2.86	2.07	0.840	0.737	0.487	0.837	1.38	3.10	1.30	MAX
MIN	0.118	0.183	0.241	0.378	0.125	0.136	0.126	0.088	0.081	0.155	0.131	0.172	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.541
MAXIMUM DAILY, 8.44 ON FEB 25
MINIMUM DAILY, 0.081 ON SEP 26
MAXIMUM INSTANTANEOUS,
8.67 AT 07:17 NST ON FEB 25

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 25 N
LONG 52 41 25 W
DRAINAGE AREA, 10.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	588	JUL	804
FEB	3 480	AUG	473
MAR	2 870	SEP	421
APR	2 230	OCT	903
MAY	1 470	NOV	1 950
JUN	884	DEC	1 290

TOTAL DISCHARGE, 17 100 dam³

REMARKS - PUBLISHED IN 1984 AND 85 UNDER DRAINAGE AREA OF 13.3 km² - REVISED TO 10.7 km²

WATERFORD RIVER AT KILBRIDE - STATION NO. 02ZM008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14	1.14	3.87	3.29	2.84	3.73	2.98	0.713	0.805	1.24	0.880	2.24	1
2	1.11	1.23	9.05	2.98	3.25	2.24	1.75	0.804	0.518	0.808	0.807	2.33	2
3	1.01 B	1.84	8.12	2.13	5.84	2.04	1.43	0.578	0.510	0.772	8.13	1.92	3
4	0.885	1.44	3.48	1.88	10.4	1.44	1.17	0.521	0.420	0.830	3.80	1.78	4
5	0.839	1.41	8.21	3.13	4.88	1.55	0.976	0.484	0.406	0.896	2.06	2.03	5
6	0.808	1.32	5.30	2.82	2.78	1.78	1.01	0.445	0.884	3.38	1.82	1.48	6
7	0.815	1.06	3.12	2.62	2.17	1.94	1.34	0.498	0.488	1.41	2.88	1.32	7
8	0.704	0.987	4.40	1.78	4.88	1.38	1.08	0.444	0.450	1.02	2.74	1.40	8
9	0.898	0.889	12.7	1.73	3.12	1.11	1.25	0.432	0.388	1.08	1.86	1.38	9
10	0.888	0.832	5.30	1.78	2.84	2.08	1.03	0.376	0.388	1.38	1.88	1.13	10
11	0.887	0.788	9.00E	7.82	8.45	1.84	0.824	0.343	1.80	2.08	1.84	1.08	11
12	0.883	0.742B	7.00E	17.6	2.78	1.35	0.848	0.271	1.15	4.78	1.70	1.88	12
13	0.853	0.701	5.00E	5.40	1.88	1.10	0.808	0.278	0.841	1.83	1.33	1.81	13
14	0.881	2.45	3.28E	4.78	1.58	0.820	0.800	1.34	0.888	1.58	1.38	1.82	14
15	0.820B	2 05	2.88A	8.07	1.38	0.858	0.778	0.858	0.840	1.43	2.44	2.38	15
16	0.780B	2.78	2.34	4.34	1.18	0.781	0.825	0.624	0.870	1.38	1.88	2.83	16
17	0.730B	15.8	2.15	3.30	1.08	0.888	0.878	0.333	0.818	1.03	2.07	2.82	17
18	0.880B	7.33	1.78	2.77	0.978	1.44	0.823	2.10	0.578	0.883	1.88	2.78	18
19	0.820B	4.28	1.58	2.23	0.901	1.88	0.588	1.11	0.587	0.887	1.74	2.88	19
20	0.810B	2.88	2.48	3.33	0.880	1.00	0.808	0.828	0.508	0.771	1.58	2.03	20
21	0.887	8.82	2.00	12.3	0.833	0.788	0.731	0.473	0.478	0.888	1.34	4.84	21
22	0.784	8.22	1.88	8.08	0.848	0.708	0.848	0.848	0.488	0.772	8.28	8.14	22
23	0.828	4.48	1.38	4.82	0.870	0.838	0.844	0.448	0.480	0.888	3.34	3.48	23
24	0.828	12.8	1.33	3.11	0.858	0.828	0.842	0.888	0.488	0.718	1.88	2.24	24
25	0.898	26.0 E	1.17	2.48	0.788	0.703	0.832	0.438	0.434	0.738	1.80	1.83	25
26	1.83	7.44	1.14	2.81	0.784	0.722	0.808	0.378	0.377	0.825	1.88	1.82	26
27	3.37	10.7	2.82	2.83	0.882	1.72	0.481	0.341	0.378	0.778	4.80	1.88	27
28	2.30	12.1	4.88	2.71	0.887	1.07	0.488	0.303	0.382	0.883	4.81	1.48	28
29	1.74	8.17	3.88	2.11	0.818	0.873	1.33	0.383	2.44	0.878	4.07	2.82	29
30	1.30		3.88	1.88	0.818	3.80	0.838	0.880	2.82	0.887	2.82	1.88	30
31	1.28		3.48		0.841		0.843	0.833		0.878		1.818	31
TOTAL	30.820	141.410	124.87	120.89	88.821	43.081	28.388	17.830	22.114	37.188	78.827	64.78	TOTAL
MEAN	0.888	4.88	4.02	4.03	2.22	1.44	0.848	0.878	0.737	1.20	2.63	2.08	MEAN
MAX	3.37	26.0	12.7	17.8	10.4	3.80	2.88	2.10	2.82	4.78	8.13	8.14	MAX
MIN	0.888	0.701	1.14	1.73	0.818	0.838	0.481	0.271	0.388	0.838	0.807	1.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, [illegible] 2
MAXIMUM DAILY, 26.0E ON FEB 25
MINIMUM DAILY, 0.271 ON AUG 12

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 47 N
LONG 52 44 34 W
DRAINAGE AREA, 62.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 650	JUL	2 840
FEB	12 200	AUG	1 550
MAR	10 600	SEP	1 910
APR	10 400	OCT	3 210
MAY	5 650	NOV	6 550
JUN	3 720	DEC	6 600

TOTAL DISCHARGE, 67 100 dam³

NEWFOUNDLAND AND LABRADOR

WATERFORD RIVER AT MOUNT PEARL - STATION NO. 02ZM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.281	0.218	1.47	0.959	0.881	0.982	0.804	0.212	0.248	0.387	0.237	1.04	1
2	0.243	0.204	3.73	0.789	1.03	0.843	0.427	0.171	0.203	0.310	0.242	1.08	2
3	0.188	0.412	1.86	0.586	1.89	0.747	0.321	0.148	0.183	0.285	1.78	0.984	3
4	0.197	0.312	1.36	0.481	2.96	0.472	0.252	0.141	0.178	0.237	0.838	0.692	4
5	0.194	0.277	3.19	0.818	1.85	0.507	0.348	0.130	0.176	0.243	0.629	0.981	5
6	0.197	0.248	2.11	0.701	1.05	0.851	0.328	0.133	0.258	0.893	0.560	0.855	6
7	0.188	0.217	1.07	0.535	0.782	0.704	0.418	0.114	0.198	0.408	0.858	0.670	7
8	0.182	0.188	1.54	0.462	1.45	0.521	0.348	0.138	0.178	0.328	0.984	0.918	8
9	0.181	0.184	7.59	0.448	1.08	0.418	0.351	0.127	0.158	0.323	0.783	0.898	9
10	0.186	0.1918	2.05	0.436	0.884	0.871	0.341	0.128	0.188	0.378	0.926	0.883	10
11	0.182	0.1838	3.46	2.13	3.16	0.874	0.303	0.128	0.488	0.447	0.837	0.840	11
12	0.180	0.142	2.01	5.03	1.11	0.842	0.282	0.115	0.383	0.874	0.833	0.8008	12
13	0.127	0.130	1.06	1.81	0.772	0.525	0.256	0.108	0.352	0.821	0.760	0.7858	13
14	0.184	0.884	0.772	1.53	0.811	0.445	0.305	0.410	0.331	0.488	0.805	0.7308	14
15	0.182	0.437	0.821	1.88	0.815	0.408	0.285	0.288	0.305	0.454	1.08	0.8258	15
16	0.1488	0.811	0.884	1.43	0.443	0.370	0.277	0.307	0.280	0.388	0.873	1.02 8	16
17	0.1388	4.87	0.880	1.12	0.382	0.313	0.224	0.200	0.242	0.341	1.04	0.880	17
18	0.1328	1.82	0.485	0.936	0.286	0.841	0.224	0.815	0.226	0.322	1.11	0.886	18
19	0.1248	1.03	0.379	0.802	0.280	0.851	0.206	0.388	0.207	0.304	0.828	0.871	19
20	0.1188	0.828	0.578	0.928	0.249	0.478	0.284	0.288	0.181	0.311	0.849	0.787	20
21	0.1248	1.33	0.486	3.83	0.215	0.242	0.256	0.225	0.195	0.307	0.821	1.35	21
22	0.1308	1.31	0.371	1.76	0.213	0.140	0.226	0.235	0.181	0.271	1.46	1.77	22
23	0.1248	1.01	0.286	1.66	0.196	0.116	0.230	0.214	0.184	0.288	1.38	1.36	23
24	0.1188	4.06	0.288	1.13	0.203	0.171	0.198	0.184	0.185	0.287	1.02	1.02	24
25	0.1128	11.2	0.240	0.877	0.184	0.116	0.183	0.184	0.178	0.281	0.821	0.785	25
26	0.3008	2.57	0.238	0.688	0.182	0.146	0.182	0.190	0.188	0.278	0.889	0.730	26
27	0.800	3.80	0.585	0.848	0.147	0.407	0.181	0.188	0.183	0.275	1.83	0.886	27
28	0.831	8.70	1.28	0.833	0.133	0.323	0.182	0.158	0.186	0.274	1.72	0.872	28
29	0.349	3.37	1.18	0.886	0.122	0.183	0.377	0.188	0.881	0.289	1.86	0.828	29
30	0.264		1.07	0.884	0.125	1.04	0.247	0.238	0.884	0.288	1.23	0.812	30
31	0.238		1.06		0.124		0.190	0.381		0.284		0.7208	31
TOTAL	8.832	47.285	43.804	37.218	33.381	15.004	8.190	8.475	7.885	11.044	29.442	28.788	TOTAL
MEAN	0.211	1.83	1.41	1.24	0.764	0.500	0.286	0.209	0.262	0.358	0.881	0.928	MEAN
MAX	0.900	11.2	7.58	5.03	3.98	1.04	0.804	0.815	0.884	0.874	1.78	1.77	MAX
MIN	0.112	0.130	0.238	0.436	0.122	0.116	0.182	0.108	0.163	0.237	0.237	0.672	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.725
MAXIMUM DAILY, 11.2 ON FEB 25
MINIMUM DAILY, 0.108 ON AUG 13
MAXIMUM INSTANTANEOUS,
18.8 AT 05:42 NST ON FEB 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 20 N
LONG 52 48 25 W
DRAINAGE AREA, 18.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	884	JUL	794
FEB	4 090	AUG	869
MAR	3 770	SEP	654
APR	3 220	OCT	954
MAY	2 020	NOV	2 540
JUN	1 300	DEC	2 480

TOTAL DISCHARGE, 22 800 dam³

AROOSTOOK RIVER NEAR TINKER - STATION NO. 01AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.7B	34.8B	30.5 B	208B	304	48.6	34.7	19.1	34.0	8.52	84.8	143	1
2	46.0B	39.4B	31.2 B	263	325	39.2	46.7	12.6	32.4	8.37	83.6	139	2
3	32.8B	35.9B	31.0 B	326	301	36.4	49.7	14.1	32.8	6.33	136	113	3
4	33.4B	41.1B	31.7 B	410	283	33.7	68.3	15.6	17.9	17.6	273	103	4
5	36.0B	41.1B	28.3 B	675	224	31.0	64.2	24.4	28.6	19.8	267	77.1	5
6	40.0B	41.2B	29.9 B	698E	201	33.1	42.7	44.6	34.9	19.8	230	68.1	6
7	41.8B	36.5B	15.0 B	789E	182	32.5	37.6	31.6	34.7	13.8	202	60.3	7
8	32.0B	31.2B	21.7 B	638E	187	26.5	35.9	54.6	29.4	19.0	206	67.6	8
9	33.1B	30.3B	22.3 B	524E	185	23.9	31.3	59.6	24.5	12.4	236	61.3	9
10	33.8B	39.7B	26.5 B	619	133	25.9	33.6	59.1	26.9	37.3	235	58.3	10
11	45.7B	39.9B	28.1 B	495	129	22.8	27.2	58.5	17.4	45.3	222	44.0B	11
12	35.8B	34.3B	15.2 B	475	118	22.1	50.7	47.7	13.6	31.5	198	35.2B	12
13	38.0B	33.0B	15.2 B	424	140	17.4	61.8	32.8	15.1	34.0	189	37.8B	13
14	24.1B	28.6B	19.3 B	396	144	22.6	58.1	26.0	20.3	28.4	157	27.8B	14
15	34.4B	30.8B	15.6 B	321	122	21.4	42.8	29.9	15.2	39.3	148	42.0B	15
16	32.0B	36.3B	20.6 B	288	119	22.1	32.7	40.7	18.9	32.8	141	51.7B	16
17	47.7B	27.8B	17.4 B	261	87.3	22.3	37.7	55.6	16.2	31.6	141	44.1B	17
18	31.8B	32.2B	17.0 B	280	108	19.8	37.9	69.3	14.4	35.3	130	32.2B	18
19	32.7B	31.0B	20.1 B	330	93.2	7.62	33.1	66.6	23.1	35.5	120	34.4B	19
20	39.2B	32.0B	14.3 B	380	89.2	17.2	38.9	67.3	20.4	43.1	114	31.8B	20
21	42.1B	28.3B	31.3 B	324	88.6	16.4	42.2	54.0	22.1	45.3	107	38.8B	21
22	40.8B	29.3B	4.57	261	72.1	17.9	39.1	34.0	21.6	44.6	90.1	44.0B	22
23	39.6B	30.7B	16.5	285	63.3	13.9	29.4	27.0	20.1	45.0	81.6	43.7B	23
24	41.6B	33.9B	11.3 B	250	88.6	12.8	25.4	49.4	22.9	71.2	85.6	35.8B	24
25	37.4B	32.2B	18.7 B	283	67.9	10.7	19.8	26.5	16.7	88.4	56.8	28.8B	25
26	37.4B	32.4B	33.0 B	288	54.3	10.4	14.3	16.3	21.9	150	90.7	29.0B	26
27	33.8B	34.6B	53.7 B	284	73.8	17.1	19.9	57.0	22.0	169	88.0	24.9B	27
28	29.1B	30.6B	91.5 B	288	87.4	18.1	22.7	32.3	42.7	146	85.9	30.8B	28
29	18.6B	36.0B	117 B	252	86.5	13.8	12.6	60.9	10.6	129	111	28.8B	29
30	31.1B		124 B	215	64.4	16.6	15.1	35.5	6.33	107	118	21.3B	30
31	52.5B		150 B		63.1		11.6	37.7		83.8		28.0B	31
TOTAL	1 124.9	980.2	1 111.97	11 368	4 239.4	675.62	1 099.8	1 230.2	671.63	1 806.32	4 366.6	1 594.4	TOTAL
MEAN	36.3	33.8	35.9	379	136	22.5	35.5	39.7	22.4	51.8	145	51.4	MEAN
MAX	52.5	41.2	150	789	304	48.6	68.3	69.3	42.7	150	273	143	MAX
MIN	18.6	27.8	4.57	208	54.3	7.62	11.6	12.6	6.33	6.33	56.8	21.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 82.1
MAXIMUM DAILY, 789E ON APR 7
MINIMUM DAILY, 4.57 ON MAR 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 46 52 N
LONG 67 45 16 W
DRAINAGE AREA, 6 060 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	98 100	JUL	95 000
FEB	84 700	AUG	106 000
MAR	96 100	SEP	58 000
APR	982 000	OCT	139 000
MAY	366 000	NOV	377 000
JUN	58 400	DEC	138 000

TOTAL DISCHARGE, 2 500 000 dam³

BARNABY RIVER BELOW SEMIWAGAN RIVER - STATION NO. 01BR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.75B	2.53B	3.20B	58.5	29.1	8.04	8.71	0.881	4.56	1.27E	7.08E	20.0 E	1
2	2.88B	2.78B	3.10B	55.6	22.4	7.16	10.2	0.882	3.59	1.21E	20.0 E	13.5 E	2
3	2.83B	2.95B	3.00B	43.1	18.5	8.21	8.11	0.619	4.32	1.18E	32.0 E	10.0 E	3
4	2.58B	3.15B	2.90B	48.2	19.2	7.26	6.54	0.728	5.08	1.10E	24.0 E	8.20E	4
5	2.52B	3.35B	2.80B	46.5	14.6	5.66	4.26	1.02	4.88	1.60E	16.0 E	7.20E	5
6	2.45B	3.20B	2.70B	37.9	12.3	6.65	3.38	0.914	4.52	2.20E	12.0 E	6.40E	6
7	2.42B	3.15B	2.60B	28.8	11.4	5.97	2.66	0.911	4.08	2.00E	13.0 E	5.70E	7
8	2.38B	3.02B	2.52B	26.6	10.2	4.79	2.32	4.23	3.19	1.85E	15.5 E	5.10E	8
9	2.34B	2.98B	2.45B	26.7	8.73	4.16	2.08	4.99	2.55	2.70E	14.0 E	4.70E	9
10	2.26B	2.88B	2.38B	53.1	7.01	3.53	1.72	3.29	2.20	5.60E	13.5 E	4.30E	10
11	2.23B	2.80B	2.30B	70.9	6.99	3.12	1.80	2.38	2.08	6.80E	15.0 E	4.10B	11
12	2.18B	2.70B	2.22B	46.3	7.22	2.82	1.77	1.75	1.81	7.00E	13.0 E	3.90B	12
13	2.10B	2.64B	2.16B	32.3	6.66	2.61	2.08	1.29	1.79	5.40E	11.0 E	3.70B	13
14	2.12B	2.58B	2.12B	25.6	7.63	2.33	1.80	1.16	1.77	4.90E	12.4 A	3.50B	14
15	2.08B	2.48B	2.04B	22.3	6.07	2.71	1.57	1.42	1.76	4.30E	11.0 E	3.20B	15
16	2.02B	2.40B	1.98B	20.3	4.71	2.77	1.40	4.08	1.70A	3.90E	10.0 E	3.00B	16
17	2.00B	2.32B	1.91B	25.3	6.10	2.81	1.21	5.17	1.60E	3.50E	9.80E	2.85B	17
18	2.20B	2.28B	1.88B	35.1	25.8	4.76	1.29	4.52	1.50E	3.20A	14.5 E	2.65B	18
19	2.42B	2.20B	2.10B	32.0	22.7	4.26	1.23	3.25	1.90E	3.10E	12.0 E	2.50B	19
20	2.70B	2.18B	2.38B	26.9	16.1	3.05	2.74	2.42	2.20E	6.00E	10.0 E	2.35B	20
21	3.10B	2.50B	2.50B	26.0	12.4	2.76	3.26	1.95	1.85E	9.20E	9.50E	2.28B	21
22	3.55B	2.80B	2.40B	31.6	9.89	2.56	2.36	1.67	2.35E	7.30E	9.10E	2.14B	22
23	3.30B	3.15B	2.35B	35.4	7.81	2.27	2.02	1.55	2.10E	26.0 E	8.70E	2.05B	23
24	3.00B	3.50B	2.30B	33.9	6.47	2.07	1.88	1.42	1.90E	28.0 E	8.20E	1.97B	24
25	2.80B	3.60B	4.40B	29.9	9.02	1.87	1.80	1.37	1.70E	26.0 E	7.70E	1.88B	25
26	3.00B	3.70B	15.0 B	31.8	12.6	2.21	1.38	29.3	1.60E	24.0 E	7.20E	1.81B	26
27	3.12B	3.50B	30.0 B	26.4	16.0	2.83	1.25	28.2	1.50E	15.0 E	6.60E	1.75B	27
28	2.85B	3.40B	70.0 B	24.1	12.1	2.76	1.17	15.1	1.42E	12.5 E	6.80E	1.68B	28
29	2.65B	3.32B	61.0 B	21.6	9.02	2.19	1.12	9.06	1.37E	10.5 E	38.0 E	1.60B	29
30	2.50B		56.0 B	32.9	7.08	5.45	1.12	8.17	1.34E	9.00E	28.0 E	1.54B	30
31	2.35B		52.0 B		5.66		0.953	8.32		7.40E		1.50B	31
TOTAL	79.37	84.32	346.77	1 062.5	369.39	119.69	84.533	148.728	73.77	241.88	418.50	136.98	TOTAL
MEAN	2.56	2.91	11.2	35.4	11.9	3.99	2.73	4.80	2.46	7.80	14.0	4.42	MEAN
MAX	3.55	3.60	70.0	70.9	29.1	8.21	10.2	29.3	5.08	28.0	38.0	20.0	MAX
MIN	2.00	2.18	1.88	20.3	4.71	1.87	0.953	0.619	1.34	1.10	6.60	1.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.68
MAXIMUM DAILY, 70.9 ON APR 11
MINIMUM DAILY, 0.619 ON AUG 3
MAXIMUM INSTANTANEOUS,
78.2 AT 04:00 AST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 53 19 N
LONG 65 35 44 W
DRAINAGE AREA, 484 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 880	JUL	7 300
FEB	7 280	AUG	12 900
MAR	30 000	SEP	6 370
APR	91 800	OCT	20 900
MAY	31 900	NOV	36 200
JUN	10 300	DEC	11 800

TOTAL DISCHARGE, 274 000 dam³

NEW BRUNSWICK

BARTIBOG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 01BO004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.688	2.158	1.668	30.88	23.7	4.78	4.78	1.87	8.68	2.88	9.18	15.4	1
2	2.828	2.288	1.838	30.6	20.0	4.83	8.13	1.78	7.48	2.87	17.0	13.1	2
3	2.668	2.188	1.808	28.6	17.7	4.38	5.87	1.74	7.18	3.23	33.1	11.3	3
4	2.508	2.188	1.888	26.6	16.8	4.01	4.88	1.78	6.84	3.48	23.7	10.2	4
5	2.438	2.128	1.888	28.8	16.0	3.84	3.92	1.88	6.84	4.08	17.8	8.808	5
6	2.388	2.088	1.848	20.3	15.2	4.01	3.24	2.80	7.28	3.83	17.1	8.608	6
7	2.328	2.068	1.808	24.2	14.2	3.75	3.01	18.2	8.88	3.88	16.3	12.0 B	7
8	2.288	2.038	2.008	23.4	12.8	3.48	2.98	24.8	8.22	3.34	18.8	9.708	8
9	2.208	2.008	1.958	23.0	11.2	3.24	2.78	14.2	4.74	3.84	15.2	8.008	9
10	2.188	1.978	1.938	30.1	10.1	3.03	2.68	8.27	4.28	8.10	13.8	8.808	10
11	2.138	1.948	2.108	38.8	8.26	2.90	2.83	8.88	4.18	8.83	14.3	8.208	11
12	2.088	1.928	2.078	28.8	8.08	2.72	3.24	8.88	4.01	7.77	13.0	8.808	12
13	2.038	1.888	2.028	21.1	8.38	2.81	3.83	4.78	3.97	8.88	11.3	8.408	13
14	2.008	1.878	2.008	18.0	7.48	2.82	3.28	8.88	4.13	8.74	11.1	8.008	14
15	1.988	1.888	1.988	16.8	8.71	2.78	2.91	8.84	4.14	8.08	11.1	4.308	15
16	1.988	1.838	1.888	16.1	8.08	2.61	2.87	7.81	3.85	4.85	10.8	4.008	16
17	1.838	1.788	1.838	18.4	8.08	2.37	2.44	7.28	3.28	4.40	8.83	3.808	17
18	1.878	1.778	1.808	24.8	8.83	2.82	2.28	8.88	3.38	4.18	11.0	3.708	18
19	2.428	1.748	1.888	25.8	8.08	2.84	2.31	4.88	8.34	4.14	8.88	3.808	19
20	2.808	1.758	1.888	28.1	8.88	3.28	3.83	4.35	4.80	8.80	8.84	3.808	20
21	2.618	1.858	1.838	23.8	8.08	2.18	3.14	4.08	4.22	8.80	8.048	3.708	21
22	2.488	2.158	1.618	24.8	8.48	2.28	2.83	3.88	8.48	8.89	7.938	3.608	22
23	2.428	2.138	1.808	28.2	4.88	2.28	2.38	3.83	4.88	17.1	7.488	3.408	23
24	2.388	2.118	1.858	28.0	4.88	2.11	2.24	3.74	4.48	22.8	7.088	3.308	24
25	2.338	2.088	1.988	23.4	4.38	1.88	2.15	3.80	3.92	30.7	8.808	3.208	25
26	2.288	2.078	2.488	21.8	7.08	2.41	2.13	38.1	3.84	32.7	8.808	3.128	26
27	2.258	2.058	4.008	22.2	7.48	2.47	2.04	28.8	3.41	20.8	8.848	3.058	27
28	2.218	2.028	7.208	21.8	8.08	2.18	2.26	18.3	3.80	15.8	7.578	3.138	28
29	2.188	1.988	8.008	20.8	8.27	2.01	2.33	13.8	3.43	13.7	23.0	3.108	29
30	2.148		15.0 B	26.0	4.88	4.87	2.18	12.8	3.12	12.1	20.8	3.008	30
31	2.108		28.0 B		4.83		1.94	10.8		10.4		2.908	31
TOTAL	70.48	57.84	113.88	780.1	285.54	89.78	84.88	279.88	145.13	278.31	382.74	182.48	TOTAL
MEAN	2.27	1.88	3.87	26.3	9.83	2.88	3.08	9.02	4.84	8.88	13.1	5.88	MEAN
MAX	2.88	2.28	28.8	38.8	23.7	4.78	8.13	38.1	8.68	32.7	33.1	15.4	MAX
MIN	1.83	1.78	1.88	18.1	4.38	1.88	1.94	1.74	3.12	3.87	8.84	2.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.54
MAXIMUM DAILY, 38.1 ON AUG 28
MINIMUM DAILY, 1.74 ON AUG 3
MAXIMUM INSTANTANEOUS,
51.2 AT 13:33 AST ON AUG 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 11 27 N
LONG 65 23 51 W
DRAINAGE AREA, 316 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 080	JUL	6 200
FEB	5 000	AUG	24 200
MAR	9 820	SEP	12 500
APR	65 700	OCT	24 000
MAY	25 500	NOV	33 000
JUN	7 780	DEC	15 800

TOTAL DISCHARGE, 238 000 dam³

BASS RIVER AT BASS RIVER - STATION NO. 01BL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3708	0.8208	0.4808	10.4 B	12.7	1.21	2.64	0.832	1.47	0.383	2.89	8.47	1
2	0.3508	0.7808	0.4908	10.0 B	8.22	1.28	3.87	0.532	1.11	0.431	8.10	8.88	2
3	0.3408	0.7808	0.4458	14.8 B	7.72	1.30	4.35	0.413	0.837	0.435	21.8	8.32	3
4	0.3308	0.7208	0.4258	21.2 B	8.87	0.982	3.58	0.373	0.827	0.488	13.8	4.34	4
5	0.3158	0.8908	0.4258	26.8 B	8.74	0.718	2.88	0.349	0.717	0.485	8.12	3.70 B	5
6	0.3088	0.8608	0.4188	23.2 A	8.83	0.886	1.88	0.817	0.784	0.877	8.38	3.20 B	6
7	0.2908	0.8408	0.4088	18.7	8.43	0.783	1.13	8.83	0.843	1.18	7.18	4.20 B	7
8	0.2808	0.8108	0.3988	16.3	8.44	0.824	0.884	25.2	0.883	1.02	7.06	3.20 B	8
9	0.2708	0.8808	0.3908	13.2	4.37	0.848	0.868	26.4	0.830	0.958	8.58	1.90 B	9
10	0.2608	0.8608	0.3828	19.8	3.80	0.487	0.488	8.83	0.488	2.88	8.87	1.60 B	10
11	0.2508	0.8458	0.3788	28.2	3.04	0.488	0.421	4.88	0.438	3.80	8.87	1.28 B	11
12	0.2408	0.8258	0.3878	18.0	2.88	0.403	0.823	2.88	0.388	3.88	4.78	1.00 B	12
13	0.2348	0.8108	0.3818	10.1	2.81	0.378	2.38	2.08	0.384	3.38	3.88	0.8008	13
14	0.2258	0.4958	0.3588	7.83	2.38	0.328	2.23	8.04	0.411	2.84	3.88	0.6408	14
15	0.2208	0.4808	0.3528	8.88	1.88	0.323	1.81	8.18	0.388	2.41	3.83	0.7708	15
16	0.2158	0.4708	0.3498	8.80	1.80	0.384	0.871	10.8	0.408	2.02	3.48	0.7108	16
17	0.2108	0.4598	0.3428	8.03	1.38	0.328	0.883	8.21	0.388	1.78	3.08	0.6808	17
18	0.2058	0.4458	0.3398	13.8	1.40	0.438	0.457	8.13	0.367	1.88	3.75	0.6108	18
19	0.4008	0.4408	0.3348	14.2	1.87	0.484	0.372	3.23	0.438	1.48	3.88	0.8408	19
20	0.8008	0.4308	0.3308	13.8	1.43	0.420	0.383	2.18	0.882	2.22	2.88	0.8508	20
21	0.7808	0.4208	0.3288	10.5	1.18	0.388	0.374	1.88	0.832	3.78	2.888	0.8208	21
22	0.7408	0.4108	0.3208	11.8	0.988	0.418	0.384	1.22	0.813	3.18	2.428	0.8008	22
23	0.7108	0.8308	0.3158	12.8	0.748	0.380	0.380	0.888	0.818	8.18	2.348	0.4808	23
24	0.8808	0.8008	0.3108	14.8	0.872	0.332	0.402	0.727	0.788	8.27	2.258	0.4808	24
25	0.8508	0.8808	0.3058	11.8	0.885	0.218	0.311	0.878	0.887	12.8	2.128	0.4408	25
26	0.8308	0.8558	0.8508	8.00	1.88	0.383	0.251	4.13	0.838	17.4	2.088	0.4208	26
27	0.8208	0.8408	4.70 B	10.2	3.82	0.714	0.213	8.43	0.448	8.88	2.788	0.4058	27
28	0.8008	0.8208	8.20 B	12.4	2.73	0.828	0.182	4.08	0.401	8.48	8.098	0.3808	28
29	0.8808	0.8008	14.3 B	10.1	1.88	0.801	0.833	2.82	0.381	4.87	18.2 B	0.3808	29
30	0.8608		16.0 B	12.1	1.40	1.35	2.88	2.27	0.382	4.83	16.7	0.3708	30
31	0.8708		15.2 B		1.11		1.48	1.88		3.23		0.3808	31
TOTAL	13.268	16.374	88.387	408.41	106.802	17.802	38.058	148.871	18.087	114.005	178.83	88.105	TOTAL
MEAN	0.428	0.585	2.21	13.8	3.48	0.583	1.28	4.80	0.602	3.88	8.89	1.78	MEAN
MAX	0.800	0.820	18.0	28.8	12.7	1.38	4.35	28.4	1.47	17.4	21.8	8.47	MAX
MIN	0.208	0.410	0.305	8.80	0.885	0.218	0.182	0.348	0.347	0.323	2.08	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.23
MAXIMUM DAILY, 28.8 ON APR 5
MINIMUM DAILY, 0.182 ON JUL 28
MAXIMUM INSTANTANEOUS,
37.7 AT 21:28 AST ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 00 N
LONG 65 24 40 W
DRAINAGE AREA, 178 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 180	JUL	2 370
FEB	1 410	AUG	12 800
MAR	5 310	SEP	1 880
APR	35 300	OCT	9 880
MAY	9 240	NOV	18 300
JUN	1 840	DEC	4 780

TOTAL DISCHARGE, 102 000 dam³

RESTIGOUCHE STREAM AT CAMPBELLTON - STATION NO. 01AJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.100	1.700	2.080	25.5	14.8	2.24	1.89	0.848	2.88	1.28	5.87	11.7	1
2	2.020	1.880	1.880	34.8	13.8	1.92	1.47	0.870	2.34	1.22	12.6	8.71	2
3	1.920	2.200	1.600	34.0	12.3	1.62	1.33	0.583	2.17	1.24	31.1	8.21	3
4	1.860	2.000	1.780	41.0	10.6	1.88	1.24	0.13	1.88	1.32	22.6	7.08	4
5	1.780	2.200	1.700	37.3	9.00	1.62	1.09	3.73	2.21	1.23	18.2	5.24	5
6	1.700	3.000	1.840	33.5	8.03	1.37	1.08	2.41	2.47	1.28	13.6	5.48	6
7	1.820	2.800	1.680	28.2	7.22	1.26	0.930	2.48	2.08	1.48	10.4	5.85	7
8	1.670	2.820	1.600	26.7	6.32	1.23	0.841	11.5	1.88	1.37	13.0	5.84	8
9	1.610	2.800	1.640	22.8	5.85	1.16	0.788	7.05	1.47	1.48	12.5	4.85	9
10	1.488	2.380	1.700	22.4	4.95	1.12	0.765	4.08	1.33	2.81	11.1	4.108	10
11	1.408	2.200	1.808	23.0	4.55	1.08	1.17	2.75	1.23	2.88	12.7	3.758	11
12	1.388	2.008	1.838	17.1	7.03	1.05	1.62	2.02	1.10	2.82	11.4	3.428	12
13	1.338	1.980	1.578	13.8	8.84	1.08	1.47	1.88	1.15	3.04	9.16	3.208	13
14	1.208	1.838	1.538	12.0	8.21	0.886	1.26	1.43	1.50	2.88	8.22	2.000	14
15	1.268	2.008	1.498	11.1	6.85	1.02	1.72	2.88	1.38	2.31	9.28	2.808	15
16	1.248	2.128	1.488	10.8	4.04	0.908	1.33	4.48	1.22	2.33	8.01	2.808	16
17	1.238	2.488	1.438	12.3	3.83	0.834	1.33	5.72	1.08	2.11	7.78	2.408	17
18	1.478	2.108	1.808	13.1	3.80	1.43	1.17	3.74	1.32	2.04	11.4	2.258	18
19	2.308	1.708	1.808	12.8	3.82	1.21	0.988	2.82	3.35	5.04	9.27	2.138	19
20	4.408	1.868	1.808	12.5	3.34	0.983	1.11	1.88	2.82	8.15	7.88	3.008	20
21	3.308	2.108	1.808	11.1	3.08	0.881	1.08	1.84	2.25	5.10	10.7	1.888	21
22	2.808	2.308	1.808	10.0	2.84	0.878	0.921	1.53	2.88	4.30	10.7	1.748	22
23	2.478	2.408	1.408	8.59	2.81	1.01	0.807	1.38	2.43	5.21	8.11	1.888	23
24	2.158	3.008	1.808	8.54	2.44	1.35	0.727	1.24	2.08	8.87	8.24	1.888	24
25	2.048	2.808	3.008	12.7	2.33	1.08	0.722	1.48	1.79	13.0	5.848	1.808	25
26	2.068	2.808	5.808	12.8	3.88	1.88	0.772	8.18	1.83	17.2	8.008	1.888	26
27	2.118	2.408	40.0 B	11.8	3.81	1.84	0.738	4.84	1.38	11.8	5.808	1.588	27
28	1.888	2.308	88.1 B	11.4	3.12	1.38	0.784	3.24	1.37	8.78	8.38	1.848	28
29	1.728	2.208	44.8	12.4	2.88	1.24	0.878	2.84	1.41	8.87	21.8	1.528	29
30	1.828		34.2	17.2	2.10	1.81	0.921	4.05	1.30	7.78	14.8	1.458	30
31	1.888		32.8		2.22		0.728	4.42		8.52		1.408	31
TOTAL	58.82	67.30	288.84	574.33	170.48	39.139	33.434	93.481	64.78	141.81	340.78	114.38	TOTAL
MEAN	1.88	2.32	8.87	19.1	5.50	1.30	1.08	3.17	1.83	4.57	11.4	3.69	MEAN
MAX	4.40	3.20	88.1	41.0	14.8	2.24	1.72	11.8	3.38	17.2	31.1	11.7	MAX
MIN	1.23	1.70	1.40	8.54	2.10	0.908	0.722	0.583	1.08	1.22	8.87	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.38
MAXIMUM DAILY, 88.1B ON MAR 28
MINIMUM DAILY, 0.583 ON AUG 3
MAXIMUM INSTANTANEOUS,
76.8 AT 13:15 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 20 27 N
LONG 67 27 58 W
DRAINAGE AREA, 3500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 080	JUL	2 880
FEB	6 810	AUG	8 500
MAR	23 200	SEP	4 730
APR	48 800	OCT	12 200
MAY	14 700	NOV	29 400
JUN	3 380	DEC	9 880

TOTAL DISCHARGE, 169 000 dam³

BIG PRESQUE ISLE STREAM AT TRACEY MILLS - STATION NO. 01AJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.138	2.708	2.188	41.88	23.2	3.84	1.97	0.878	4.37	1.78	8.28	14.1	1
2	3.008	3.408	2.138	48.7	20.0	3.31	2.75	0.844	3.83	1.77	11.8	12.8	2
3	2.858	4.008	2.068	52.3	17.4	2.82	2.46	0.871	3.28	1.88	22.4	11.7	3
4	2.788	3.508	1.888	84.8	15.8	2.27	2.05	5.85	3.08	1.80	18.0	10.7	4
5	2.838	3.108	1.838	83.7	13.8	2.20	1.85	3.83	3.89	1.73	14.1	10.3 B	5
6	2.528	2.888	1.888	88.8	12.3	1.87	1.48	2.28	4.42A	1.85	11.7	9.808	6
7	2.478	2.488	1.848	81.5	11.4	2.02	1.37	4.32	3.24A	1.86	11.5	10.2 B	7
8	2.388	2.208	1.808	46.8	10.2	2.07	1.34	16.8	3.00	1.81	18.3	9.108	8
9	2.308	2.008	1.828	41.7	9.18	2.14	1.48	8.13	2.88	2.02	18.9	8.308	9
10	2.228	1.828	1.878	40.7	8.27	1.88	1.83	4.82	2.80	3.24	18.3	7.808	10
11	2.128	1.748	1.838	41.2	7.88	1.81	1.43	3.24	2.41	3.48	15.6	8.408	11
12	2.108	1.628	1.878	33.4	8.22	1.80	1.28	2.41	2.18	3.46	14.2	8.108	12
13	2.128	1.778	1.828	27.7	8.78	1.81	1.16	1.82	2.42	3.03	12.3	5.708	13
14	2.108	1.828	1.738	23.8	7.80	1.78	1.03	1.80	2.80	2.88	11.8	5.108	14
15	2.078	2.188	1.708	21.8	6.88	1.72	1.32	2.49	2.81	2.88	13.5	4.808	15
16	2.018	2.728	1.728	20.8	5.95	1.68	1.24	8.58	2.23	2.48	11.8	4.508	16
17	2.038	2.808	1.758	24.2	5.68	1.88	1.78	7.21	2.10	2.28	10.7	4.208	17
18	2.088	2.488	1.808	26.2	6.22	1.86	1.48	4.72	2.32	2.16	11.3	4.008	18
19	2.508	2.208	1.888	29.5	5.88	1.75	1.22	3.38	3.08	4.28	10.5	3.808	19
20	5.808	3.408	1.908	28.3	5.38	1.80	2.16	2.75	2.81	4.88	8.38	3.808	20
21	4.808	3.708	1.838	21.8	4.73	1.85	1.78	2.48	2.87	3.82	8.82	3.488	21
22	4.208	2.808	1.878	18.8	4.52	1.48	1.81	2.27	2.14	3.08	8.58	3.308	22
23	3.708	2.888	1.848	17.8	4.28	1.40	1.28	2.22	2.74	7.07	8.87	3.208	23
24	3.458	3.088	2.708	16.0	3.90	1.28	1.08	2.10	2.81	8.88	8.508	3.208	24
25	3.278	3.838	5.008	21.8	3.81	1.19	1.02	3.08	2.34	13.3	8.208	3.408	25
26	3.468	2.808	8.808	20.8	7.17	1.73	1.09	15.2	2.17	14.8	8.808	3.008	26
27	2.808	2.478	12.0 B	18.1	7.10	1.82	1.04	9.80	1.82	10.8	8.408	2.708	27
28	2.408	2.388	20.0 B	16.3	6.38	1.84	1.08	8.17	1.87	8.48	10.6	3.008	28
29	3.108	2.288	38.0 B	18.8	4.87	1.82	1.88	8.01	1.84	8.48	22.5	3.708	29
30	2.808		50.0 B	28.7	3.78	1.84	1.37	8.87	1.88	7.28	18.4	2.808	30
31	2.808		43.0 B		4.02		1.12	8.88		7.02		2.308	31
TOTAL	89.28	73.48	217.88	988.0	283.72	58.82	48.41	144.824	82.07	143.78	384.81	188.88	TOTAL
MEAN	2.88	2.52	7.02	32.8	8.81	1.88	1.80	4.87	2.74	4.84	12.8	8.02	MEAN
MAX	5.80	4.00	50.0	84.8	23.2	3.84	2.75	15.8	4.42	14.8	22.5	14.1	MAX
MIN	2.01	1.82	1.87	16.3	3.78	1.19	1.00	0.844	1.84	1.73	8.28	2.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.31
MAXIMUM DAILY, 84.8 ON APR 4
MINIMUM DAILY, 0.844 ON AUG 2
MAXIMUM INSTANTANEOUS,
88.0 AT 23:30 AST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 18 N
LONG 67 44 41 W
DRAINAGE AREA, 494 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 710	JUL	4 010
FEB	8 280	AUG	12 500
MAR	18 800	SEP	7 080
APR	85 100	OCT	13 400
MAY	22 800	NOV	33 200
JUN	4 910	DEC	18 100

TOTAL DISCHARGE, 231 000 dam³

NEW BRUNSWICK

BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING - STATION NO. 01BL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.308	2.578	2.158	31.0 B	26.8	7.84	5.58	2.67	8.52	3.44	9.73	15.1	1
2	3.228	2.708	2.118	28.2	24.3	8.00	6.28	2.80	8.15	3.48	12.8	13.8	2
3	3.128	2.628	2.088	25.7	22.7	7.37	6.12	2.82	7.82	3.88	22.4	13.0	3
4	3.028	2.588	2.058	25.8	23.8	6.84	5.40	2.87	7.38	3.80	25.0	12.2	4
5	2.978	2.938	2.028	43.2	22.4	6.44	4.97	2.73	7.41	3.43	18.8	10.8	5
6	2.908	2.488	2.008	38.0	22.8	7.44	4.82	4.42	7.86	3.78	16.4	8.008	6
7	2.848	2.488	2.158	29.8	22.0	6.98	4.33	17.2	8.52	3.81	21.0	16.0 B	7
8	2.798	2.408	2.308	28.2	18.8	6.17	4.17	21.1	8.13	3.80	18.0	11.0 B	8
9	2.738	2.378	2.258	27.8	17.8	5.88	4.00	18.8	8.76	3.85	17.8	9.408	9
10	2.698	2.328	2.208	35.1	16.4	5.81	3.82	11.5	8.39	4.87	16.1	8.008	10
11	2.668	2.308	2.338	40.3	15.1	5.57	3.69	9.01	8.41	4.84	15.7	7.008	11
12	2.628	2.358	2.298	32.2	14.4	5.24	4.25	7.85	8.23	8.08	14.8	8.508	12
13	2.608	2.508	2.238	26.8	13.5	5.07	5.36	8.93	8.04	5.83	13.4	8.008	13
14	2.568	2.428	2.218	24.1	12.8	4.94	4.80	8.37	8.14	5.08	13.0	8.508	14
15	2.528	2.388	2.208	23.6	11.8	4.88	4.22	8.85	4.88	4.74	12.8	8.008	15
16	2.488	2.388	2.178	21.7	11.0	4.88	3.83	12.2	4.88	4.84	12.0	4.858	16
17	2.448	2.338	2.148	23.2	10.5	4.48	3.88	11.0	4.48	4.44	11.8	4.708	17
18	2.408	2.298	2.128	23.4	11.4	4.84	3.47	9.30	4.48	4.33	12.1	4.508	18
19	2.808	2.278	2.108	24.2	10.8	4.55	3.38	8.32	8.33	4.13	11.1	4.308	19
20	2.958	2.588	2.088	25.7	9.79	4.34	3.52	7.48	4.85	5.17	10.2	4.408	20
21	2.858	2.508	2.088	25.8	9.22	4.31	3.44	8.88	4.85	8.17	10.2 B	4.808	21
22	2.788	2.488	2.088	25.8	8.78	4.19	3.32	8.83	4.87	5.85	10.1 B	4.408	22
23	2.728	2.438	2.048	24.8	8.63	4.08	3.32	8.20	4.85	10.8	9.818	4.208	23
24	2.888	2.388	2.038	27.0	8.63	3.82	3.24	8.88	4.35	15.2	9.828	4.008	24
25	2.828	2.328	2.028	26.2	7.81	3.85	3.18	8.83	4.08	18.8	9.738	3.858	25
26	2.888	2.288	2.008	24.0	8.73	4.28	3.04	18.8	3.85	21.8	9.80	3.808	26
27	2.838	2.268	2.308	24.8	8.85	4.85	3.09	16.8	3.79	18.7	9.30	3.708	27
28	2.808	2.228	8.108	26.0	8.85	4.17	3.18	12.8	3.87	13.8	9.38	3.808	28
29	2.478	2.188	8.808	25.2	8.08	3.84	3.05	11.0	3.83	12.7	15.3	3.758	29
30	2.438		8.208	27.3	7.48	8.07	2.85	10.1	3.49	11.8	17.4	3.708	30
31	2.408		8.008		7.45		2.78	9.22		10.8		3.808	31
TOTAL	83.88	69.87	78.78	842.2	432.81	158.77	123.71	267.85	180.83	228.88	428.48	212.48	TOTAL
MEAN	2.71	2.41	2.54	28.1	14.0	5.28	3.88	8.28	6.28	7.37	14.3	6.85	MEAN
MAX	3.30	2.70	8.80	43.2	26.8	8.00	8.28	21.1	8.52	21.8	32.4	16.1	MAX
MIN	2.40	2.18	2.00	21.7	7.48	3.88	2.78	3.80	3.48	3.43	9.30	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.48
MAXIMUM DAILY, 43.2 ON APR 5
MINIMUM DAILY, 2.008 ON MAR 8
MAXIMUM INSTANTANEOUS,
44.4 AT 04:30 AST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 26 08 N
LONG 65 06 26 W
DRAINAGE AREA, 383 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 280	JUL	10 700
FEB	6 040	AUG	24 800
MAR	6 810	SEP	13 800
APR	72 800	OCT	19 700
MAY	37 400	NOV	37 000
JUN	13 700	DEC	18 400

TOTAL DISCHARGE, 269 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "TRACADIE RIVER AT MURCHY BRIDGE CROSSING" TO 1985

BURPEE MILLSTREAM NEAR FERNMOUNT - STATION NO. 01AB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	0.580B	0.880B	10.0 B	4.03	1.48	0.782	0.278	2.71	0.571	1.87	3.83	1
2	0.580B	0.640B	0.680B	10.8 B	3.84	1.28	0.733	0.237	1.81	0.588	8.83	3.01	2
3	0.550B	0.628B	0.780B	10.0	2.94	1.18	0.656	0.186	1.37	0.472	12.1	2.41	3
4	0.525B	0.600B	0.740B	10.3	2.47	0.883	0.481	0.401	1.08	0.442	7.81	2.20	4
5	0.502B	0.750B	0.700B	8.73	2.12	0.656	0.334	0.518	1.77	0.387	4.72	1.80 B	5
6	0.580B	0.720B	0.868B	7.06	1.83	0.738	0.310	0.277	2.42	0.401	3.87	1.80 B	6
7	0.540B	0.680B	0.828B	6.02	1.52	0.685	0.243	0.204	1.89	0.407	4.08	1.80 B	7
8	0.500B	0.660B	0.800B	5.67	1.31	0.550	0.217	0.746	1.15	0.372	3.48	1.88 B	8
9	0.480B	0.620B	0.760B	5.05	1.11	0.486	0.226	1.24	0.788	0.813	3.20	1.38 B	9
10	0.465B	0.600B	0.880B	4.88	0.983	0.478	0.213	0.607	0.649	1.77	2.80	1.20 B	10
11	0.450B	0.580B	0.900B	4.46	0.878	0.401	0.311	0.385	0.519	1.80	4.70	1.07 B	11
12	0.435B	0.560B	0.780B	3.84	1.43	0.384	1.48	0.294	0.432	2.10	3.48	0.970B	12
13	0.415B	0.570B	0.680B	3.14	1.38	0.387	1.08	0.248	0.358	1.58	2.84	0.880B	13
14	0.405B	0.580B	0.630B	2.78	1.11	0.362	0.824	0.186	0.384	1.22	2.28	0.810B	14
15	0.395B	0.550B	0.595B	2.27	0.823	0.343	0.618	0.648	0.372	0.804	2.18	0.780B	15
16	0.385B	0.580B	0.570B	2.54	0.788	0.318	0.480	2.50	0.327	0.734	2.70	0.710B	16
17	0.380B	0.540B	0.580B	4.78	1.58	0.287	0.380	1.72	0.278	0.680	2.84	0.880B	17
18	0.480B	0.510B	0.600B	8.02	11.5	0.464	0.327	1.12	0.675	0.603	5.08	0.820B	18
19	0.540B	0.580B	0.640B	4.44	8.40	0.338	0.291	0.668	2.11	1.04	3.88	0.880B	19
20	0.880B	1.20 B	0.880B	3.58	4.23	0.308	0.310	0.442	1.40	3.01	2.90	0.880B	20
21	1.20 B	1.80 B	0.820B	3.08	3.09	0.287	0.288	0.338	2.57	3.12	5.87	0.880B	21
22	1.03 B	1.52 B	0.870B	2.80	2.88	0.281	0.380	0.387	4.44	2.31	5.58	0.800B	22
23	0.900B	1.40 B	0.840B	2.88	2.03	0.282	0.343	0.387	2.78	4.38	4.07	0.820B	23
24	0.780B	1.28 B	0.820B	2.40	2.18	0.281	0.288	0.323	1.88	3.78	3.708	0.480B	24
25	0.680B	1.18 B	0.580B	5.04	1.85	0.238	0.347	0.554	1.38	8.37	3.008	0.430B	25
26	0.650B	1.20 B	0.640B	6.52	3.87	0.242	0.345	8.48	1.07	5.84	2.858	0.520B	26
27	0.615B	1.28 B	0.600B	4.78	3.21	0.284	0.308	7.67	0.887	3.87	2.788	0.440B	27
28	0.580B	1.20 B	1.40 B	3.59	2.34	0.230	0.630	4.62	0.808	2.91	3.33	0.480B	28
29	0.550B	1.08 B	8.00 B	3.88	1.73	0.208	0.838	3.24	0.718	3.21	7.72	0.480B	29
30	0.530B		8.60 B	4.70	1.40	0.837	0.414	8.38	0.887	2.78	5.11	0.420B	30
31	0.585B		8.00 B		1.44		0.320	4.77		2.27		0.380B	31
TOTAL	18.377	25.588	45.085	154.80	77.888	15.263	14.044	80.437	38.281	80.441	132.00	33.830	TOTAL
MEAN	0.593	0.852	1.45	5.18	2.51	0.508	0.453	1.83	1.31	1.85	4.40	1.08	MEAN
MAX	1.20	1.80	8.00	10.8	11.5	1.48	1.48	8.48	4.44	8.37	12.1	3.83	MAX
MIN	0.380	0.580	0.520	2.27	0.788	0.208	0.213	0.186	0.278	0.387	1.87	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 12.1 ON NOV 3
MINIMUM DAILY, 0.186 ON AUG 14
MAXIMUM INSTANTANEOUS,
15.9 AT 10:45 AST ON NOV 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 24 N
LONG 66 16 41 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 680	JUL	1 210
FEB	2 310	AUG	4 380
MAR	3 880	SEP	3 380
APR	13 400	OCT	6 220
MAY	8 730	NOV	11 400
JUN	1 320	DEC	2 820

TOTAL DISCHARGE, 57 800 dam³

CANAAN RIVER AT EAST CANAAN - STATION NO. 01AP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.220	4.400	5.380	61.5	27.6	6.74	0.880	0.667	9.26	1.32	7.80	41.0	1
2	3.150	4.800	5.080	55.0	22.2	7.70	1.12	0.604	5.68	1.17	18.6	32.2	2
3	3.050	5.700	5.800	48.0	18.0	7.07	1.23	0.571	4.12	1.26	43.0	23.4	3
4	2.880	7.000	5.650	52.5	21.7	6.81	1.15	0.801	3.15	1.20	30.5	18.5	4
5	2.880	6.700	5.400	48.0	21.4	6.86	0.873	0.629	5.22	1.10	21.4	13.0	5
6	2.800	6.100	5.200	38.0	16.0	6.16	0.841	0.884	11.1	1.16	16.1	8.48	6
7	2.700	5.700	5.050	31.0	13.6	5.80	0.833	0.782	7.11	1.75	13.2	6.808	7
8	2.650	5.300	4.900	26.1	11.0	4.44	0.744	0.872	4.84	1.71	11.4	5.258	8
9	2.600	5.050	4.700	25.4	9.20	3.82	0.702	0.897	3.59	1.80	10.3	4.808	9
10	2.530	4.750	4.450	39.9	7.48	3.02	0.883	0.863	2.74	4.15	9.69	4.258	10
11	2.480	4.500	5.800	61.3	5.81	2.63	0.707	0.655	2.24	5.23	11.3	4.158	11
12	2.400	4.250	5.750	60.5	5.84	2.63	0.861	0.740	1.81	8.87	12.3	3.958	12
13	2.340	4.000	5.500	29.7	5.68	2.30	0.773	0.818	1.70	7.84	8.38	3.758	13
14	2.300	4.400	5.225	26.6	5.01	2.31	0.883	0.680	1.70	8.23	10.5	3.608	14
15	2.220	5.120	5.000	24.2	4.84	1.90	0.838	0.818	1.67	4.81	11.6	3.458	15
16	2.200	5.600	4.800	23.4	4.34	1.88	0.828	4.80	1.63	3.91	9.85	3.288	16
17	2.150	6.100	4.600	38.7	4.21	1.81	0.868	8.48	1.34	3.48	8.77	3.188	17
18	2.150	6.850	4.900	31.2	7.55	1.43	0.821	8.11	1.26	3.72	26.2	3.058	18
19	2.800	6.250	5.600	27.5	7.80	1.48	0.816	3.80	1.78	2.71	21.4	2.858	19
20	3.100	4.900	5.800	26.3	6.42	1.27	0.832	2.48	2.38	13.9	15.2	2.858	20
21	5.000	5.500	5.500	26.6	5.43	1.15	0.857	1.80	2.21	21.9	31.4	2.758	21
22	7.000	6.000	5.100	31.4	4.74	1.10	0.703	1.88	3.25	15.6	52.6	2.658	22
23	6.700	6.500	4.650	37.9	4.01	0.882	0.802	1.88	3.36	23.6	34.0	2.588	23
24	6.800	7.000	4.800	38.1	3.74	1.03	0.784	1.87	2.85	26.6	23.0	2.508	24
25	6.900	7.800	5.600	38.6	4.80	0.885	0.881	1.48	2.14	23.9	16.8	3.058	25
26	6.700	7.500	7.700	48.3	13.8	1.01	0.823	1.88	1.78	25.0	13.7 E	3.358	26
27	7.500	7.200	16.0 E	41.6	15.6	1.10	0.885	2.80	1.88	16.1	11.7 E	3.158	27
28	8.800	8.900	170 E	30.9	10.8	1.11	0.800	3.21	1.38	13.6	17.2	3.808	28
29	8.500	8.620	138 E	27.3	7.78	0.988	0.841	2.48	1.38	12.4	78.1	3.858	29
30	6.800		90.6 E	33.6	6.05	0.882	0.823	8.38	1.43	11.8	61.2	3.808	30
31	4.000		84.8		5.83		0.718	14.9		8.16		3.458	31
TOTAL	121.27	186.38	818.47	1 115.8	314.80	88.249	24.818	78.742	85.45	276.40	680.18	225.32	TOTAL
MEAN	3.91	5.74	20.0	37.2	10.1	2.87	0.801	2.54	3.18	8.92	22.0	7.27	MEAN
MAX	8.70	7.80	170	61.5	27.6	5.74	1.23	14.9	11.1	26.6	78.1	41.0	MAX
MIN	2.15	4.00	4.45	23.4	3.74	0.882	0.818	0.571	1.26	1.10	7.80	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 170 ON MAR 26
MINIMUM DAILY, 0.571 ON AUG 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 19 N
LONG 65 22 00 W
DRAINAGE AREA, 868 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 500	JUL	2 140
FEB	14 400	AUG	8 800
MAR	53 400	SEP	8 250
APR	86 400	OCT	23 900
MAY	27 200	NOV	57 000
JUN	7 450	DEC	18 900

TOTAL DISCHARGE, 327 000 dam³

CASTAWAY STREAM NEAR CASTAWAY - STATION NO. 01AN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.220B	0.232	0.483	3.89	1.80	0.888	0.483	0.118	0.780	0.184	0.700	1.58	1
2	0.208B	0.284	0.400	3.31	1.43	0.888	0.480	0.088	0.824	0.203	1.84	1.30	2
3	0.198B	0.348	0.374	3.04	1.21	0.817	0.384	0.085	0.828	0.181	2.20	1.13	3
4	0.188B	0.352	0.384	3.37	1.16	0.481	0.348	0.122	0.488	0.177	1.82	0.973	4
5	0.180B	0.321	0.327	3.01	1.03	0.487	0.281	0.617	0.884	0.182	1.17	0.770	5
6	0.170B	0.295	0.304	2.62	0.888	0.488	0.208	0.392	0.887	0.208	1.05	0.730A	6
7	0.163B	0.332	0.280	2.11	0.815	0.410	0.193	0.288	0.810	0.214	1.03	0.703	7
8	0.157B	0.227	0.267	1.88	0.738	0.388	0.184	1.87	0.448	0.188	1.07	0.627	8
9	0.150B	0.223	0.283	1.80	0.678	0.338	0.162	1.22	0.387	0.272	0.938	0.601	9
10	0.143B	0.188	0.288	2.18	0.628	0.317	0.128	0.888	0.348	0.448	0.838	0.412	10
11	0.138B	0.210B	0.338	2.48	0.805	0.288	0.128	0.442	0.328	0.430	1.17	0.320	11
12	0.138B	0.250B	0.338	1.87	0.820	0.272	0.141	0.320	0.308	0.488	1.12	0.300B	12
13	0.133B	0.328B	0.307	1.50	0.902	0.247	0.218	0.280	0.308	0.388	0.874	0.280B	13
14	0.130B	0.303	0.281	1.32	0.708	0.218	0.188	0.248	0.328	0.318	0.815	0.262B	14
15	0.127B	0.218	0.278	1.22	0.588	0.237	0.142	0.628	0.277	0.300	0.902	0.280B	15
16	0.125B	0.240	0.280	1.23	0.518	0.231	0.123	1.48	0.244	0.268	0.804	0.240B	16
17	0.123B	0.248	0.272	1.82	0.550	0.202	0.137	1.28	0.228	0.218	0.821	0.232B	17
18	0.121B	0.214	0.288	2.14	1.17	0.217	0.128	0.805	0.284	0.210	1.32	0.225B	18
19	0.390B	0.201	0.350	1.88	1.03	0.188	0.124	0.545	0.424	0.238	1.08	0.218B	19
20	0.820B	0.230B	0.418	1.88	0.812	0.188	0.118	0.388	0.357	0.722	0.871	0.212B	20
21	0.513	0.405B	0.420	1.80	0.884	0.188	0.100	0.371	0.322	0.838	1.83	0.208B	21
22	0.424	0.768B	0.377	1.84	0.810	0.177	0.123	0.428	0.808	0.882	2.18	0.200B	22
23	0.387	0.888	0.321	1.82	0.548	0.174	0.111	0.358	0.418	1.81	1.38	0.188B	23
24	0.348	0.882	0.341	1.37	0.588	0.180	0.108	0.308	0.328	1.82	1.12	0.180B	24
25	0.313	0.802	0.514	1.88	0.808	0.162	0.128	0.314	0.288	2.08	0.928	0.188B	25
26	0.287	0.811	1.02	2.28	1.20	0.188	0.180	3.81	0.233	2.08	0.818	0.218B	26
27	0.303	0.778	3.84 E	1.77	1.14	0.182	0.138	2.32	0.214	1.30	0.781	0.208B	27
28	0.288	0.858	8.55	1.38	0.812	0.157	0.334	1.32	0.218	1.02	1.23	0.198B	28
29	0.262	0.888	8.55	1.88	0.848	0.147	0.288	0.857	0.187	1.08	4.55	0.201B	29
30	0.238		4.44	2.48	0.548	0.844	0.188	1.35	0.181	0.843	2.40	0.184B	30
31	0.233		3.41		0.884		0.148	1.18		0.787		0.188B	31
TOTAL	7.380	11.200	38.380	81.68	26.148	8.842	5.883	24.187	11.334	18.888	39.220	13.634	TOTAL
MEAN	0.238	0.388	1.17	2.08	0.843	0.288	0.183	0.780	0.378	0.845	1.31	0.433	MEAN
MAX	0.820	0.811	8.55	3.89	1.80	0.858	0.480	3.81	0.780	2.08	4.55	1.58	MAX
MIN	0.121	0.188	0.280	1.22	0.518	0.147	0.100	0.085	0.187	0.177	0.700	0.188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.726
MAXIMUM DAILY, 8.55 ON MAR 28
MINIMUM DAILY, 0.085 ON AUG 3
MAXIMUM INSTANTANEOUS,
10.0 AT 12:58 AST ON MAR 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 54 N
LONG 65 42 43 W
DRAINAGE AREA, 24.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	638	JUL	518
FEB	986	AUG	2 080
MAR	3 140	SEP	978
APR	5 330	OCT	1 730
MAY	2 260	NOV	3 380
JUN	773	DEC	1 180

TOTAL DISCHARGE, 23 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "CASTAWAY BROOK NEAR CASTAWAY" TO 1985

NEW BRUNSWICK

CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET - STATION NO. 01AR012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.158	0.180	0.367	0.848	0.838	0.314	0.041	0.044	0.218	0.073	0.298	0.300	1
2	0.147	0.188	0.333	0.788	0.662	0.283	0.041	0.042	0.218	0.070	0.481	0.301	2
3	0.142	0.189	0.308	0.701	0.526	0.257	0.038	0.038	0.210	0.087	0.788	0.288	3
4	0.140	0.198	0.285	0.852	0.488	0.234	0.038	0.035	0.189	0.081	0.800	0.288	4
5	0.142	0.224	0.288	0.808	0.418	0.218	0.035	0.038	0.242	0.057	0.717	0.248	5
6	0.138	0.221	0.282	0.883	0.384	0.183	0.033	0.032	0.283	0.053	0.831	0.238	6
7	0.130	0.214	0.241	0.823	0.328	0.177	0.031	0.031	0.248	0.050	0.547	0.218	7
8	0.123	0.205	0.230	0.492	0.284	0.158	0.030	0.033	0.237	0.047	0.478	0.200	8
9	0.124	0.198	0.217	0.488	0.272	0.142	0.027	0.030	0.223	0.053	0.415	0.182	9
10	0.121	0.190	0.217	0.430	0.244	0.128	0.026	0.029	0.217	0.058	0.364	0.170	10
11	0.117A	0.181	0.206	0.382	0.230	0.118	0.026	0.028	0.201	0.068	0.338	0.155	11
12	0.110E	0.180	0.200	0.348	0.228	0.108	0.026	0.026	0.182	0.072	0.312	0.140	12
13	0.130E	0.226	0.181	0.323	0.217	0.108	0.033	0.024	0.171	0.070	0.287	0.128	13
14	0.142E	0.240	0.187	0.302	0.203	0.098	0.030	0.024	0.164	0.067	0.300	0.118	14
15	0.138E	0.242	0.181	0.282	0.187	0.090	0.029	0.023	0.151	0.068	0.291	0.111	15
16	0.130E	0.258	0.173	0.278	0.172	0.081	0.028	0.033	0.138	0.064	0.261	0.102	16
17	0.127E	0.270	0.167	0.263	0.238	0.071	0.028	0.031	0.126	0.061	0.260	0.094	17
18	0.140E	0.270	0.180	0.275	0.830	0.065	0.028	0.032	0.118	0.058	0.290	0.088	18
19	0.152E	0.268	0.187	0.273	1.13	0.057	0.034	0.028	0.115	0.063	0.286	0.083	19
20	0.142E	0.328	0.152	0.264	1.07	0.051	0.023	0.028	0.108	0.071	0.275	0.078	20
21	0.138A	0.488	0.144	0.260	0.888	0.049	0.021	0.028	0.104	0.070	0.341	0.074	21
22	0.137	0.528	0.138	0.232	0.748	0.048	0.028	0.034	0.108	0.075	0.378	0.071	22
23	0.138	0.551	0.132	0.218	0.603	0.048	0.030	0.032	0.104	0.102	0.370	0.068	23
24	0.138	0.570	0.128	0.210	0.494	0.038	0.037	0.030	0.101	0.122	0.358	0.085	24
25	0.138	0.585	0.130	0.295	0.483	0.033	0.048	0.038	0.097	0.234	0.328	0.085	25
26	0.183	0.522	0.142	0.364	0.488	0.032	0.048	0.097	0.093	0.328	0.288	0.084	26
27	0.178	0.488	0.308	0.438	0.481	0.038	0.047	0.124	0.088	0.378	0.261	0.080	27
28	0.178	0.441	0.750	0.454	0.470	0.028	0.047	0.138	0.087	0.400	0.277	0.090	28
29	0.181	0.401	1.03	0.538	0.423	0.027	0.047	0.145	0.080	0.402	0.310	0.098	29
30	0.178		1.03	0.837	0.388	0.032	0.047	0.180	0.076	0.381	0.308	0.095	30
31	0.181		0.898		0.338		0.048	0.208		0.328		0.091	31
TOTAL	4.428	8.973	8.320	12.707	14.428	3.309	1.050	1.853	4.884	4.041	11.838	6.407	TOTAL
MEAN	0.143	0.308	0.301	0.424	0.465	0.110	0.034	0.060	0.185	0.130	0.388	0.142	MEAN
MAX	0.181	0.570	1.03	0.848	1.13	0.314	0.047	0.208	0.283	0.402	0.800	0.308	MAX
MIN	0.110	0.180	0.128	0.210	0.172	0.028	0.021	0.028	0.078	0.047	0.275	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.220
MAXIMUM DAILY, 1.13 ON MAY 19
MINIMUM DAILY, 0.020 ON AUG 24
MAXIMUM INSTANTANEOUS,
1.17 AT 15:05 AST ON MAY 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 26 N
LONG 67 05 48 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	383	JUL	90.7
FEB	778	AUG	143
MAR	805	SEP	403
APR 1	100	OCT	348
MAY 1	250	NOV 1	010
JUN	288	DEC	381

TOTAL DISCHARGE, 8 980 dam³

COAL BRANCH RIVER AT BEERSVILLE - STATION NO. 01BS001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.12 B	1.308	2.408	19.8	10.0	1.88	0.588	0.307	0.848	0.337	1.02	11.4	1
2	1.10 B	1.458	2.208	16.8	8.71	2.08	0.771	0.288	0.718	0.313	8.81	8.73	2
3	1.08 B	1.628	2.328	17.0	7.34	2.00	0.880	0.288	0.724	0.281	13.7	6.82	3
4	1.08 B	1.808	2.128	16.8	8.87	1.83	0.820	0.381	0.845	0.280	8.83	5.28	4
5	1.04 B	2.008	2.048	17.2	7.88	1.48	0.445	0.428	1.17	0.278	8.03	3.90	5
6	1.02 B	1.928	1.868	13.1	6.43	2.13	0.415	0.287	1.83	0.882	4.85	2.87	6
7	1.01 B	1.738	1.888	10.8	5.40	1.78	0.384	0.338	0.882	0.842	3.85	2.10 B	7
8	1.00 B	1.828	1.628	10.0	4.18	1.35	0.388	0.828	0.778	0.482	3.08	1.88 B	8
9	0.9808	1.828	1.748	10.7	3.38	1.18	0.373	0.513	0.884	0.868	3.04	1.88 B	9
10	0.9708	1.428	1.878	28.7	2.70	1.05	0.380	0.378	0.478	1.18	2.88	1.80 B	10
11	0.9808	1.388	1.888	22.8	2.48	1.00	0.375	0.310	0.437	1.33	4.13	1.37 B	11
12	0.9508	1.308	1.828	14.8	2.88	0.813	0.388	0.283	0.408	1.80	3.70	1.28 B	12
13	0.9308	1.388	1.488	11.0	2.53	0.788	0.353	0.278	0.378	1.34	2.71	1.18 B	13
14	0.9108	1.508	1.448	10.2	2.20	0.745	0.328	0.282	0.388	1.01	3.26	1.10 B	14
15	0.8908	2.008	1.408	9.73	1.88	0.888	0.331	0.482	0.378	0.871	3.31	1.01 B	15
16	0.8608	1.928	1.388	9.73	1.64	0.815	0.310	0.811	0.381	0.773	2.84	0.9308	16
17	0.8708	1.808	1.308	12.3	1.58	0.721	0.283	1.30	0.341	0.702	2.75	0.8608	17
18	1.25 B	1.858	1.488	11.3	1.82	0.775	0.280	0.875	0.348	0.813	7.24	0.8208	18
19	1.80 B	1.478	1.408	11.8	1.71	0.678	0.287	0.878	0.385	0.878	8.08	0.7708	19
20	2.87 B	1.878	1.348	11.4	1.58	0.588	0.341	0.504	0.370	2.31	3.42	0.7208	20
21	3.40 B	1.808	1.308	11.7	1.42	0.557	0.300	0.480	0.413	3.84	13.7	0.6708	21
22	2.95 B	2.008	1.278	13.3	1.32	0.510	0.328	0.483	0.533	2.80	17.3	0.6308	22
23	2.60 B	2.308	1.228	16.3	1.13	0.506	0.304	0.472	0.488	8.58	10.8	0.5908	23
24	2.35 B	2.608	1.238	15.7	1.19	0.487	0.278	0.385	0.410	7.88	7.55	0.5508	24
25	2.08 B	3.128	1.408	15.1	1.27	0.468	0.302	0.381	0.373	7.81	5.81	0.8008	25
26	2.32 B	2.908	2.008	18.1	3.58	0.802	0.322	0.572	0.348	6.47	4.43	0.6308	26
27	2.80 B	2.808	28.4 B	14.8	3.08	0.518	0.288	0.548	0.350	4.58	3.85	0.5708	27
28	2.10 B	2.628	81.0	11.8	2.29	0.483	0.300	0.484	0.332	3.18	10.3	0.5808	28
29	1.70 B	2.528	37.8	11.0	1.88	0.428	0.424	0.435	0.345	3.03	38.8	0.4608	29
30	1.35 B		22.8	12.4	1.58	0.473	0.577	1.10	0.345	2.72	17.8	0.8208	30
31	1.25 B		18.8		1.82		0.388	1.44		2.30		0.7808	31
TOTAL	47.510	55.11	211.84	423.48	105.13	29.388	11.988	18.883	18.218	89.458	225.24	82.880	TOTAL
MEAN	1.53	1.90	6.83	14.1	3.39	0.979	0.388	0.638	0.641	2.24	7.51	2.03	MEAN
MAX	3.40	3.12	81.0	28.7	10.0	2.13	0.771	1.44	1.83	8.58	38.8	11.4	MAX
MIN	0.870	1.28	1.22	8.73	1.13	0.428	0.278	0.259	0.332	0.280	1.02	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.44
MAXIMUM DAILY, 81.0 ON MAR 26
MINIMUM DAILY, 0.258 ON AUG 3
MAXIMUM INSTANTANEOUS,
73.8 AT 04:00 AST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 37 N
LONG 65 03 55 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 100	JUL	1 030
FEB	4 780	AUG	1 X30
MAR	18 300	SEP	1 400
APR	36 800	OCT	8 000
MAY	9 080	NOV	19 890
JUN	2 540	DEC	5 440

TOTAL DISCHARGE, 110 000 dam³

COLD STREAM AT COLDSTREAM - STATION NO. 01AJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.13	0.903	0.788	14.7	5.88	1.16	0.818	0.185	0.680	0.488	2.82	5.72	1
2	1.08	1.21	0.748	14.1	5.81	0.978	0.573	0.115	0.634	0.442	5.56	5.18	2
3	0.898	1.47	0.728	15.1	4.88	0.884	0.488	0.143	0.582	0.478	7.18	4.84	3
4	0.898	1.53	0.884	16.1	4.49	0.823	0.423	1.26	0.512	0.484	8.01	4.05	4
5	0.830	1.44	0.877	15.5	4.01	0.748	0.358	0.874	0.872	0.434	4.98	3.91	5
6	0.822	1.31	0.881	12.9	3.70	0.700	0.310	0.488	0.874	0.870	4.38	2.93	6
7	0.813	1.18	0.878	11.8	3.48	0.848	0.284	0.588	0.878	0.843	3.80	3.55	7
8	0.775	1.12	0.838	11.0	3.15	0.833	0.288	5.84	0.478	0.488	5.11	2.80	8
9	0.736	1.04	0.844	9.60	2.88	0.882	0.315	2.34	0.438	0.847	4.78	1.98	9
10	0.712	1.02	0.885	9.70	2.88	0.886	0.328	1.80	0.411	1.18	4.48	1.70 B	10
11	0.874	0.887	0.831	8.81	2.81	0.817	0.378	1.17	0.384	1.03	5.38	1.38 B	11
12	0.841	0.830	0.881	7.38	3.83	0.488	0.382	0.883	0.388	0.883	4.48	1.80 B	12
13	0.888	0.826	0.833	8.42	3.04	0.883	0.388	0.718	0.428	0.717	3.81	1.88	13
14	0.800	0.825	0.825	8.71	2.81	0.819	0.358	0.778	0.814	0.844	4.28	1.78	14
15	0.888	0.833	0.817	8.18	2.37	0.813	0.848	1.28	0.480	0.878	4.15	1.78 B	15
16	0.883	0.828	0.812	8.01	2.19	0.488	0.478	2.10	0.378	0.888	3.87	1.88 B	16
17	0.843	0.808	0.818	8.38	2.08	0.801	1.02	2.88	0.387	0.888	3.88	1.38	17
18	0.887	0.880	0.838	8.48	2.12	0.888	0.482	1.80	0.830	0.885	4.18	1.44	18
19	1.23	0.812	0.858	8.81	1.81	0.828	0.388	1.24	1.30	2.01	3.43	1.15 B	19
20	1.88	0.877	0.880	8.14	1.71	0.818	0.884	0.888	0.788	1.88	3.13	1.28	20
21	1.78	1.04	0.877	4.72	1.88	0.885	0.481	0.888	0.780	1.33	3.80	1.28 B	21
22	1.28	1.04	0.814	4.88	1.87	0.488	0.344	0.844	1.10	1.23	3.55	1.18	22
23	0.883	1.02	0.883	4.80	1.47	0.443	0.284	0.720	0.778	1.81	3.13	0.928	23
24	1.12	1.12	0.842	4.37	1.38	0.411	0.253	0.828	0.878	1.77	2.85	1.05	24
25	1.11	1.01	0.811	5.38	1.30	0.381	0.288	0.727	0.887	3.88	2.48	1.08	25
26	1.04	0.980	1.83	4.81	2.18	0.788	0.258	1.78	0.482	4.74	2.58	1.05	26
27	0.898	0.843	18.1	4.88	1.81	0.822	0.248	1.10	0.471	3.80	2.47	0.7828	27
28	0.771	0.784	33.0	4.30	1.48	0.418	0.247	0.784	0.480	3.24	4.48	0.880	28
29	0.780	0.788	20.0	5.18	1.22	0.525	0.284	0.743	0.518	3.82	8.14	0.807	29
30	0.800		14.3	5.88	1.03	0.884	0.208	1.12	0.478	3.30	6.84	0.575	30
31	0.832		14.3		1.32		0.174	0.870		2.84		0.770	31
TOTAL	28.145	28.901	118.128	241.48	81.40	18.373	12.188	37.188	17.887	48.718	138.11	80.584	TOTAL
MEAN	0.908	1.03	3.78	8.05	2.83	0.812	0.382	1.20	0.880	1.81	4.34	1.85	MEAN
MAX	1.88	1.53	33.0	18.1	5.88	1.18	1.02	5.84	1.30	4.74	8.14	5.72	MAX
MIN	0.843	0.784	0.877	4.30	1.03	0.381	0.174	0.118	0.387	0.434	2.47	0.575	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.24
MAXIMUM DAILY, 33.0 ON MAR 26
MINIMUM DAILY, 0.118 ON AUG 2
MAXIMUM INSTANTANEOUS,
40.2 AT 01:11 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 32 N
LONG 67 26 09 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 430	JUL	1 050
FEB	2 580	AUG	3 210
MAR	10 000	SEP	1 550
APR	20 900	OCT	4 040
MAY	7 030	NOV	11 200
JUN	1 590	DEC	6 230

TOTAL DISCHARGE, 70 800 dam³

DENNIS STREAM NEAR ST. STEPHEN - STATION NO. 01AR008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.05 B	0.8508	1.42 B	11.8	10.1	1.70	0.820	0.428	3.83	0.771	2.33	4.90	1
2	0.8608	0.8308	1.38 B	9.57	7.84	1.50	0.731	0.821	2.88	0.707	14.7	4.18	2
3	0.9508	0.8708	1.28 B	8.31	5.85	1.40	0.588	0.888	2.28	0.688	13.7	3.80	3
4	0.8108	0.7208	1.20 B	7.57	4.58	1.33	0.515	0.818	1.78	0.800	12.8	2.94	4
5	0.8608	0.8628	1.18 B	8.81	3.78	1.28	0.488	0.828	2.22	0.888	9.88	2.87 B	5
6	0.8508	0.8308	1.07 B	8.23	3.17	1.12	0.483	0.833	2.03	0.840	7.33	2.20 B	6
7	0.8208	0.8058	1.00 B	8.89	2.28	1.01	0.432	0.842	1.74	0.488	6.42	2.00 B	7
8	0.7908	0.8708	0.8508	4.22	1.87	0.878	0.400	0.888	1.53	0.488	4.23	1.78	8
9	0.7808	0.8408	0.8108	3.85	1.41	0.785	0.481	0.701	1.32	0.848	3.54	1.58 B	9
10	0.7308	0.8208	0.8408	3.88	1.31	0.888	0.538	0.847	1.18	1.13	3.07	1.38 B	10
11	0.7108	0.8008	1.08 B	3.74	1.33	0.828	0.481	0.857	1.00	1.38	3.81	1.22 B	11
12	0.8808	0.4808	1.05 B	3.41	1.83	0.853	0.502	0.410	0.812	1.73	3.36	1.08 B	12
13	0.7808	0.8408	1.02 B	3.12	1.80	0.497	0.588	0.382	0.702	1.87	3.12	0.9408	13
14	0.7908	0.8808	0.8908	2.87	1.78	0.418	0.536	0.383	0.858	1.80	2.78	0.8008	14
15	0.7808	0.8208	0.8508	2.87	1.70	0.388	0.512	0.885	0.878	1.77	3.88	0.7008	15
16	0.7358	1.10 B	0.8308	2.87	1.81	0.318	0.438	1.42	0.483	1.58	3.37	0.6008	16
17	0.7108	1.80 B	0.8828	3.88	2.21	0.284	0.410	1.08	0.434	1.40	3.88	0.5008	17
18	0.7008	1.60 B	0.8808	3.71	2.80	0.263	0.371	0.810	0.522	1.28	4.58	0.4808	18
19	0.8808	1.37 B	1.03 B	3.72	2.38	0.256	0.348	0.678	0.588	1.84	4.28	0.4108	19
20	1.02 B	1.88 B	0.8708	3.84	2.42	0.228	0.328	0.558	0.603	1.80	4.04	0.3608	20
21	0.8308	2.50 B	0.8308	3.28	2.43	0.238	0.298	0.841	1.44	1.80	7.88	0.3308	21
22	0.7808	2.40 B	0.8708	2.88	2.27	0.208	0.453	0.518	1.88	2.38	8.78	0.3008	22
23	0.7308	2.24 B	0.8408	2.88	2.01	0.201	0.388	0.451	1.78	4.78	8.04	0.2808	23
24	0.8808	2.05 B	0.8058	2.72	1.82	0.183	0.458	0.388	1.78	4.44	4.88	0.3808	24
25	0.8208	1.88 B	1.00 B	8.87	2.18	0.148	0.522	0.881	1.67	10.8	3.88	0.4408	25
26	0.7208	1.88 B	2.50 B	7.85	2.88	0.185	0.488	2.00	1.48	8.81	3.13	0.4108	26
27	0.8008	1.78 B	10.0 B	7.87	2.74	0.183	0.413	1.84	1.27	5.80	2.87	0.3608	27
28	0.7208	1.63 B	28.8 B	7.08	2.87	0.118	0.438	1.03	1.14	8.88	3.28	0.4708	28
29	0.8208	1.84 B	25.8 B	11.4	2.34	0.138	0.407	1.81	0.878	5.24	5.22	0.8208	29
30	0.8808		23.8	12.8	3.02	0.174	0.378	3.32	0.858	3.85	4.88	0.8008	30
31	0.8308		15.8		1.80		0.352	4.18		3.15		0.8508	31
TOTAL	24.188	34.817	132.817	185.80	87.04	17.182	14.338	31.332	41.288	83.880	182.80	88.780	TOTAL
MEAN	0.780	1.18	4.28	6.53	2.81	0.572	0.462	1.01	1.38	2.70	6.43	1.25	MEAN
MAX	1.05	2.50	28.8	12.8	10.1	1.70	0.731	4.18	3.83	10.8	14.7	4.90	MAX
MIN	0.630	0.480	0.805	2.88	1.31	0.118	0.288	0.352	0.434	0.488	2.33	0.280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 28.8 ON MAR 28
MINIMUM DAILY, 0.118 ON JUN 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 12 36 N
LONG 67 15 45 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 080	JUL	1 240
FEB	2 830	AUG	3 700
MAR	11 500	SEP	3 670
APR	14 300	OCT	7 220
MAY	7 520	NOV	14 100
JUN	1 480	DEC	3 390

TOTAL DISCHARGE, 72 100 dam³

NEW BRUNSWICK

EEL RIVER NEAR DUNDEE - STATION NO. 01BJ012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2508	0.1488	0.1378	2.118	4.38	0.720	0.636	0.271	0.383	0.304	1.11	0.788	1
2	0.2428	E 0.1448	0.1348	1.80	4.32	0.663	0.659	0.208	0.334	0.332	1.08	0.732	2
3	0.2348	0.1908	0.1358	1.71	4.70	0.653	0.788	0.208	0.328	0.563	2.34	0.680	3
4	0.2278	0.2308	0.1388	2.33	5.84	0.644	0.656	0.250	0.308	0.518	1.88	0.6408	4
5	0.2218	0.1888	0.1398	3.15	7.97	0.656	0.577	0.305	0.851	0.454	1.61	0.4808	5
6	0.2158	0.1708	0.1348	3.44	8.88	0.647	0.532	0.488	0.678	0.432	1.51	0.3638	6
7	0.2108	0.1588	0.1388	2.88	7.10	0.467	0.481	0.778	0.537	0.454	1.48	0.7808	7
8	0.2058	0.1428	0.1448	2.78	5.16	0.443	0.488	0.810	0.562	0.480	1.41	0.6808	8
9	0.2008	0.1158	0.1428	2.67	4.17	0.427	0.465	0.488	0.480	0.458	1.22	0.5208	9
10	0.1908	0.1088	0.1388	3.90	3.83	0.284	0.404	0.430	0.452	0.831	1.18	0.5808	10
11	0.1808	0.1188	0.1408	4.88	3.47	0.312	0.363	0.502	0.400	0.548	1.89	0.5408	11
12	0.1888	0.1158	0.1358	4.20	3.83	0.327	0.885	0.371	0.381	0.830	1.40	0.5008	12
13	0.1828	0.1208	0.1168	3.71	3.00	0.304	0.831	0.328	0.407	0.585	1.18	0.4808	13
14	0.1808	0.1508	0.1168	3.45	2.48	0.302	0.822	0.831	0.457	0.536	1.17	0.4808	14
15	0.1568	0.1528	0.1218	3.47	2.00	0.317	1.10	0.488	0.404	0.548	1.20	0.4408	15
16	0.1518	0.1468	0.1178	3.26	1.75	0.310	0.705	0.824	0.388	0.526	1.06	0.4208	16
17	0.1468	0.1238	0.1138	2.88	1.52	0.288	0.562	0.600	0.312	0.512	1.01	0.4108	17
18	0.1368	0.1208	0.1168	2.84	1.41	0.244	0.548	0.608	0.332	0.516	1.01	0.4058	18
19	0.1418	0.1318	0.1168	2.90	1.18	0.224	0.477	0.538	0.452	0.587	0.940	0.4008	19
20	0.1568	0.1278	0.1138	3.03	0.988	0.218	0.635	0.484	0.430	0.847	0.907	0.3858	20
21	0.1488	0.1408	0.1168	2.88	0.812	0.220	0.448	0.405	0.422	0.880	0.8608	0.3808	21
22	0.1578	0.1518	0.1318	2.34	0.882	0.222	0.403	0.374	0.483	0.800	0.8208	0.3858	22
23	0.1618	0.1508	0.1278	2.38	0.947	0.237	0.388	0.385	0.424	1.11	0.7808	0.3808	23
24	0.1408	0.1378	0.1128	2.73	0.884	0.218	0.341	0.358	0.417	1.42	0.7608	0.3708	24
25	0.1418	0.1368	0.1158	2.60	0.788	0.204	0.320	0.382	0.404	3.97	0.7408	0.3808	25
26	0.1378	0.1328	0.1488	2.82	0.871	0.880	0.332	0.805	0.388	3.71	0.7008	0.3858	26
27	0.1268	0.1428	0.3278	4.27	1.03	0.704	0.311	0.885	0.338	2.89	0.8808	0.3508	27
28	0.1718	0.1248	0.8638	5.00	0.888	0.488	0.280	0.854	0.328	2.06	0.8508	0.3488	28
29	0.1628	0.1388	0.7208	4.81	0.777	0.428	0.308	0.673	0.310	1.76	0.848	0.3408	29
30	0.1438		3.87 B	4.71	0.711	1.01	0.282	0.481	0.304	1.50	0.811	0.3358	30
31	0.1418		3.24 B		0.788		0.318	0.417		1.30		0.3308	31
TOTAL	5.365	4.132	11.988	98.06	88.832	12.813	16.207	14.788	12.802	30.811	34.687	14.864	TOTAL
MEAN	0.174	0.142	0.366	3.20	2.80	0.427	0.523	0.478	0.430	0.994	1.18	0.472	MEAN
MAX	0.250	0.230	3.87	5.00	8.88	1.01	1.10	0.824	0.678	3.97	2.34	0.788	MAX
MIN	0.126	0.108	0.112	1.71	0.711	0.204	0.280	0.308	0.304	0.304	0.650	0.330	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.833
MAXIMUM DAILY, 8.88 ON MAY 8
MINIMUM DAILY, 0.1088 ON FEB 10
MAXIMUM INSTANTANEOUS,
10.8 AT 23:17 AST ON MAY 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 58 18 N
LONG 66 29 30 W
DRAINAGE AREA, 43.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	465	JUL 1 400	
FEB	358	AUG 1 280	
MAR 1	030	SEP 1 110	
APR 8	300	OCT 2 680	
MAY 7	800	NOV 3 800	
JUN 1	110	DEC 1 270	

TOTAL DISCHARGE, 29 800 dam³

EEL RIVER NEAR SCOTT SIDING - STATION NO. 01AK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.508	3.958	4.008	51.3	37.3	4.57	2.13A	1.48	3.15	0.998	4.84	20.1	1
2	3.308	4.108	3.908	51.8	36.4	4.02	3.63A	1.32	2.98	0.847	7.48	17.8	2
3	3.208	4.608	3.808	51.8	34.7	3.78	3.47A	1.08	2.88	1.08	11.8	16.5	3
4	3.088	5.508	3.708	52.4	32.1	3.48	3.44	1.38	2.88	1.06	13.1	13.8	4
5	2.958	5.108	3.608	51.3	19.3	3.23	3.03	1.27	2.88	0.980	12.7	12.8	5
6	2.898	4.908	3.508	48.0	18.2	2.84	2.34	1.14	2.87	1.18	11.7	12.4	6
7	2.818	4.608	3.428	44.3	13.6	2.40	1.82	1.08	2.80	0.988	11.2	10.6	7
8	2.718	4.308	3.358	40.7	11.8	2.38	1.58	1.40	2.27	0.920	10.4	9.408	8
9	2.858	3.958	3.528	37.2	10.7	2.14	2.42A	1.63	2.08	1.18	10.2	8.708	9
10	2.808	3.708	3.708	34.5	9.78	2.08	3.46E	1.48	2.08	1.71	10.0	8.008	10
11	2.638	3.458	3.608	32.2	8.84	1.98	3.38A	1.28	1.82	1.84	11.0	7.408	11
12	2.488	3.308	3.658	30.2	9.88	1.78	4.80E	0.864	1.82	2.07	10.2	8.808	12
13	2.438	3.158	3.008	27.3	9.61	1.88	4.14A	0.883	1.46	2.02	8.48	8.408	13
14	2.378	3.408	3.428	24.3	9.84	1.48	3.87	0.812	1.80	1.93	10.3	8.008	14
15	2.328	3.908	3.308	21.8	8.38	1.41	4.18	1.38	1.37	1.78	8.94	8.808	15
16	2.488	4.008	3.208	19.7	7.43	1.28	3.77	1.88	1.22	1.87	8.28	8.208	16
17	2.788	3.708	3.108	20.7	8.88	1.22	3.43	1.80	1.07	1.84	8.84	4.808	17
18	3.508	3.508	3.058	21.8	8.55	1.80	3.18	1.47	1.21	1.78	10.5	4.658	18
19	3.708	3.308	3.208	22.8	8.10	1.40	2.75	1.88	1.88	2.87	8.87	4.258	19
20	8.008	3.208	3.408	21.4	8.83	1.18	2.84	1.42	1.83	2.38	8.80	4.008	20
21	8.808	4.708	3.208	18.8	8.85	1.23	2.31	1.28	1.82	2.21	12.8	3.808	21
22	8.408	4.808	3.008	18.8	8.38	1.18	2.22	1.22	1.81	2.08	18.0	3.508	22
23	8.708	4.858	3.408	18.7	4.85	1.08	2.02	1.10	1.43	2.82	14.8	3.408	23
24	8.208	8.408	4.008	14.8	4.82	1.32	1.82	0.982	1.44	3.18	13.0 B	3.338	24
25	8.008	8.108	4.808	18.3	4.71	1.20	1.78	1.31	1.18	4.88	11.4 B	3.308	25
26	8.208	4.858	8.008	22.0	8.35	1.08	1.88	1.85	1.11	5.48	10.2 B	3.008	26
27	8.108	4.408	14.0 B	23.8	7.08	1.08	1.77	2.11	1.08	8.88	10.4	2.808	27
28	4.758	4.408	26.0 B	21.8	8.83	1.04	1.88	2.05	1.12	8.58	11.7	2.858	28
29	4.408	4.208	36.0 B	22.8	8.08	0.873	2.00	2.13	1.04	8.80	18.2	2.908	29
30	4.108		52.0 B	26.3	8.23	1.08 A	1.88	2.10	0.884	8.42	20.1	2.808	30
31	3.908		51.8 B		8.28		1.80	3.27		8.10		2.408	31
TOTAL	114.84	121.70	273.81	805.7	323.84	56.763	83.28	47.881	53.184	78.784	340.38	218.98	TOTAL
MEAN	3.70	4.20	8.83	30.2	10.4	1.89	2.68	1.53	1.77	2.54	11.3	7.06	MEAN
MAX	8.80	8.80	52.0	52.4	37.3	4.57	4.80	3.27	3.15	8.80	20.1	20.1	MAX
MIN	2.32	3.15	2.68	14.8	4.71	0.873	1.58	0.883	0.884	0.830	4.84	2.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.15
MAXIMUM DAILY, 52.4 ON APR 4
MINIMUM DAILY, 0.873 ON JUN 28
MAXIMUM INSTANTANEOUS,
52.8 AT 17:40 AST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 56 12 N
LONG 67 32 48 W
DRAINAGE AREA, 831 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 920	JUL 7 150	
FEB	10 500	AUG 4 110	
MAR	23 600	SEP 4 500	
APR	78 300	OCT 6 500	
MAY	28 000	NOV 28 400	
JUN	4 900	DEC 18 900	

TOTAL DISCHARGE, 226 000 dam³

FISH RIVER NEAR FORT KENT - STATION NO. 01AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.1B	11.8B	10.6 B	18.8B	135	34.0	17.8	14.3	14.5	7.58	36.6	48.4	1
2	19.8B	11.8B	10.3 B	21.4B	134	32.3	25.1	13.4	14.3	7.59	46.2	47.0	2
3	19.0B	11.8B	10.1 B	28.1	132	30.3	24.8	13.9	15.2	10.4	57.2	46.9	3
4	18.5B	11.8B	9.81B	39.5	118	28.8	25.3	13.2	14.3	10.3	64.0	43.9	4
5	18.1B	11.5B	9.63B	58.9	118	27.0	26.2	13.2	14.7	9.63	68.8	41.8	5
6	17.8B	11.3B	9.49B	70.5	118	25.0	24.8	13.1	14.4	10.0	74.2	39.8	6
7	17.1B	11.3B	9.20B	84.1	113	23.8	24.7	17.1	13.8	10.5	78.0	38.8	7
8	16.7B	11.2B	9.08B	85.4	108	22.5	24.8	15.4	13.0	10.3	85.1	36.5	8
9	16.4B	11.0B	8.78B	107	104	21.2	23.8	15.2	12.4	10.1	85.1	34.8	9
10	16.0B	11.0B	8.64B	116	96.3	20.1	23.2	15.4	12.0	10.3	80.0	33.4	10
11	15.8B	11.0B	8.38B	128	93.6	19.1	22.7	15.1	11.3	10.8	80.0	32.3B	11
12	15.3B	11.0B	8.21B	135	89.2	17.9	22.8	15.0	10.8	12.0	87.2	30.6B	12
13	15.0B	11.0B	8.07B	136	86.1	16.8	23.3	14.6	11.0	11.6	85.2	29.2B	13
14	14.7B	11.0B	7.93B	136	81.0	16.2	23.5	14.2	10.5	11.6	84.1	27.2B	14
15	14.4B	11.0B	7.78B	136	77.3	17.9	23.0	15.9	10.5	12.0	81.8	25.6B	15
16	14.2B	11.2B	7.65B	130	73.1	18.4	22.9	24.1	9.87	12.1	78.2	24.2B	16
17	13.8B	11.2B	7.50B	135	66.6	18.5	22.8	22.4	9.68	12.3	76.4	22.7B	17
18	13.7B	11.0B	7.36B	135	67.1	19.1	21.8	21.5	10.1	12.7	76.5	23.1B	18
19	13.8B	11.0B	7.22B	136	64.3	19.4	21.8	21.2	10.4	13.6	72.8	21.2B	19
20	13.3	11.0B	7.08B	135	61.2	13.9	22.8	20.8	10.0	13.8	70.2	20.4B	20
21	13.2B	11.0B	7.08B	132	58.0	13.3	22.9	18.7	10.1	13.8	68.4	19.6B	21
22	13.0B	11.0B	6.94B	128	56.2	13.1	22.9	18.2	9.81	14.1	67.7	19.4B	22
23	12.9B	11.0B	6.94B	125	51.6	12.6	22.3	17.3	9.33	18.7	64.3	18.1B	23
24	12.7B	10.9B	6.94B	124	48.4	11.8	21.7	16.3	8.89	20.8	60.3	18.5B	24
25	12.8B	10.9B	7.08B	123	46.3	11.8	20.9	16.3	8.61	26.0	58.9	17.8B	25
26	12.6B	10.8B	7.08B	122	45.3	12.4	20.4	17.2	8.33	29.2	54.4	17.3B	26
27	12.3B	10.8B	6.34B	123	45.3	11.2	19.7	18.4	7.98	31.7	52.1	16.6B	27
28	12.2B	10.8B	11.6 B	122	43.6	11.0	18.3	18.5	8.01	34.8	50.4	16.6B	28
29	12.0B	10.8B	14.2 B	121	41.3	13.7	17.2	18.7	7.87	37.4	51.0	16.4B	29
30	12.0B		15.3 B	138	38.6	13.3	16.1	18.9	7.70	38.2	48.8	16.4B	30
31	11.9B		17.0 B		37.1		15.1	18.2		38.6		16.0B	31
TOTAL	480.0	322.1	283.84	3 240.8	3 417.8	554.1	583.9	513.4	338.45	532.58	2 074.2	880.0	TOTAL
MEAN	14.8	11.1	9.12	108	78.0	18.5	23.1	16.8	10.9	18.9	68.1	27.7	MEAN
MAX	20.1	11.8	17.0	138	128	34.0	25.3	24.1	15.2	38.6	80.0	48.4	MAX
MIN	11.9	10.8	6.94	18.8	37.1	11.8	15.1	13.8	7.87	7.58	38.8	16.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.5
MAXIMUM DAILY, 138 ON APR 13
MINIMUM DAILY, 6.94B ON MAR 22
MAXIMUM INSTANTANEOUS,
138 AT 17:00 EST ON APR 13

SUMMARY FOR THE YEAR 1986

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 14 N
LONG 68 34 58 W
DRAINAGE AREA, 3 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 700	JUL	58 100
FEB	27 600	AUG	44 400
MAR	24 400	SEP	28 400
APR	280 000	OCT	45 100
MAY	295 000	NOV	178 000
JUN	47 900	DEC	74 300

TOTAL DISCHARGE, 1 080 000 dam³

FOREST CITY STREAM BELOW FOREST CITY DAM - STATION NO. 01AR011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.07	5.76	5.84	2.67	3.40	4.25	4.10	4.01	7.88	8.02	2.78	3.18	1
2	5.03	5.74	5.82	2.72	3.48	4.28	4.10	4.00	7.83	7.98	3.62A	3.21	2
3	5.04	5.72	7.80	2.75	3.48	4.28	4.08	4.03	7.48	7.96	3.64A	3.22	3
4	5.84	5.78	9.13	2.80	3.40	4.28	4.05	4.04	7.44	7.86	3.67A	3.17	4
5	5.88	5.78	9.09	2.83	3.38	4.28	4.13	4.05	7.42	7.78	3.69	3.22E	5
6	5.88	5.78	8.02	2.87	3.12	4.28	4.08	4.04	7.40	7.86	3.68	3.22E	6
7	5.86	5.81	8.83	2.81	3.07	4.28	4.04	4.02	7.28	7.48	3.69	3.28A	7
8	5.86	5.76	8.67	2.86	3.11	4.28	4.05	5.84	7.30	7.40	3.90	3.26A	8
9	5.86	5.80	8.83	2.84	3.12	4.22	4.08	5.48	7.10	7.38	3.90	3.34A	9
10	5.83	5.77	8.88	2.80	3.13	4.26	4.08	6.44	7.17	7.32	3.81	3.23A	10
11	5.84	5.73	8.72	2.85	3.11	4.25	4.08	7.81	7.14	7.18	3.81	3.23A	11
12	5.80	5.74	8.61	2.85	3.13	4.20	4.08	8.21	6.89	7.09	3.83	3.23A	12
13	5.80	5.77	8.62	2.86	3.11	4.21	4.05	8.18	6.87	7.03	3.82A	3.23A	13
14	5.82	5.72	7.33	2.20	3.10	4.18	4.05	8.08	6.90	6.90	3.83A	3.23A	14
15	5.83	5.75	8.41	3.32	3.12	4.18	4.05	8.05	6.88	6.13	3.85A	3.28	15
16	5.88	5.48	8.38	3.33	3.13	4.23	4.03	8.11	6.81	4.90	3.83A	3.28	16
17	5.75	5.85	8.35	3.30	3.12	4.23	4.00	8.12	6.80	4.80	3.88	3.23A	17
18	5.85	5.84	8.35	3.30	3.15	4.21	4.04	8.10	6.73	3.39	3.01	3.21A	18
19	5.82	5.76	8.30	3.27	3.15	4.20	4.05	8.02	7.72	3.41	3.86	3.23A	19
20	5.80	5.80	8.28	3.22	4.88	4.22	4.04	7.98	6.88	3.34	3.88	3.21A	20
21	5.81	5.78	8.23	3.19	5.85	4.21	4.00	7.88	8.18	3.48	3.84	3.19	21
22	5.82	5.78	8.18	3.14	5.89	4.18	4.01	7.80	8.19	3.48	3.88	3.20	22
23	5.78	5.80	8.18	3.14	5.82	4.18	4.02	7.80	8.88	3.48	3.88	3.19	23
24	5.73	5.78	8.15	3.30	5.83	4.18	4.02	7.78	8.84	3.52	3.84	3.20	24
25	5.74	5.78	8.41	3.38	4.48	4.14	4.00	7.88	8.80	2.88	3.87	3.22	25
26	5.80	5.72	4.38	3.38	4.48	4.09	3.89	7.78	8.82	2.88A	3.88	3.22	26
27	5.88	5.72	4.84	3.33	5.81	4.13	4.00	7.74	8.48	2.88A	3.11	3.21	27
28	5.81	5.70	3.31	3.33	5.88	4.08	4.00	7.81	8.47	2.88A	3.12	3.22A	28
29	5.78	5.88	2.87	3.38	5.82	4.12	4.01	7.58	8.30	2.73A	3.18	3.21A	29
30	5.76		2.83	3.38	5.84	4.08	4.02	7.84	8.14	2.73A	3.18	3.22A	30
31	5.77		2.88		4.78		4.00	7.88		2.70		3.22A	31
TOTAL	182.18	160.78	203.04	82.80	124.84	126.01	125.40	213.21	232.88	159.38	89.18	98.82	TOTAL
MEAN	5.88	5.32	6.88	3.08	4.02	4.20	4.08	8.88	7.78	5.14	3.87	3.32	MEAN
MAX	8.07	8.88	9.13	3.38	5.84	4.28	4.13	8.21	8.18	8.02	3.18	3.28	MAX
MIN	5.73	5.72	2.87	2.87	3.07	4.08	3.89	4.00	6.73	2.48	2.78	3.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 8.18 ON SEP 21
MINIMUM DAILY, 2.48 ON OCT 21
MAXIMUM INSTANTANEOUS,
11.1 AT 08:37 EST ON MAR 14

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 39 51 N
LONG 67 44 04 W
DRAINAGE AREA, 387 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 700	JUL	10 800
FEB	15 800	AUG	16 300
MAR	17 500	SEP	20 100
APR	8 020	OCT	13 800
MAY	10 600	NOV	7 700
JUN	10 900	DEC	9 020

TOTAL DISCHARGE, 158 000 dam³

NEW BRUNSWICK

FORTY MILE BROOK (WEST BRANCH) AT CARIBOU DEPOT - STATION NO. 01BK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.057	0.044	0.028	0.787	0.829	0.336	0.324	0.088	0.088	0.004	0.282	0.038E	1
2	0.063	0.062	0.030	0.880	0.648	0.324	0.328	0.082	0.008	0.005	0.316	0.036E	2
3	0.058	0.056	0.030	0.613	0.886	0.312	0.288	0.048	0.008	0.006	0.436	0.038E	3
4	0.056	0.048	0.026	0.788	0.713	0.271	0.256	0.046	0.008	0.006	0.436	0.038E	4
5	0.058	0.053	0.027	0.878	0.612	0.288	0.231	0.062	0.009	0.005	0.190	0.039E	5
6	0.058	0.048	0.028	0.871	0.871	0.288	0.213	0.080	0.008	0.004	0.222	0.040E	6
7	0.058	0.045	0.032	0.813	1.58	0.243	0.207	0.078	0.008	0.007	0.228	0.041A	7
8	0.048	0.048	0.026	0.781	2.00	0.218	0.208	0.088	0.008	0.007	0.142	0.039	8
9	0.047	0.041	0.025	0.801	1.77	0.304	0.202	0.071	0.008	0.007	0.048	0.043	9
10	0.043	0.040	0.028	0.805	1.88	0.197	0.213	0.081	0.008	0.008	0.048	0.039	10
11	0.048	0.040	0.028	0.843	1.81	0.188	0.278	0.052	0.008	0.008	0.047	0.030	11
12	0.044	0.038	0.033	0.773	1.77	0.178	0.228	0.048	0.010	0.008	0.035	0.041	12
13	0.044	0.040	0.025	0.768	1.41	0.160	0.187	0.043	0.008	0.007	0.034	0.018	13
14	0.041	0.043	0.024	0.728	1.20	0.153	0.168	0.078	0.008	0.037	0.033	0.028	14
15	0.038	0.038	0.028	0.854	1.01	0.183	0.200	0.042	0.008	0.098	0.038	0.022	15
16	0.041	0.037	0.024	0.618	0.861	0.131	0.174	0.009	0.008	0.087	0.038	0.018	16
17	0.040	0.036	0.022	0.588	0.916	0.141	0.153	0.182	0.008	0.007	0.034	0.014	17
18	0.038	0.031	0.021	0.586	0.847	0.180	0.133	0.288	0.010	0.008	0.044	0.012	18
19	0.043	0.028	0.021	0.571	0.831	0.132	0.121	0.088	0.011	0.072	0.048	0.010	19
20	0.043	0.031	0.023	0.577	0.833	0.108	0.132	0.055	0.010	0.720	0.030	0.008	20
21	0.040	0.034	0.021	0.522	0.775	0.107	0.120	0.052	0.010	0.321	0.033	0.010	21
22	0.038	0.038	0.021	0.512	0.889	0.097	0.112	0.050	0.430	0.061	0.0388	0.010	22
23	0.034	0.038	0.021	0.483	0.558	0.098	0.102	0.028	0.552	0.207	0.0388	0.006	23
24	0.034	0.038	0.024	0.463	0.485	0.088	0.091	0.008	0.133	0.200	0.0388	0.007	24
25	0.033	0.034	0.028	0.423	0.380	0.081	0.088	0.007	0.024	0.404	0.0378	0.007	25
26	0.032	0.035	0.048	0.384	0.813	0.188	0.080	0.008	0.005	0.487	0.0378	0.008	26
27	0.038	0.032	0.184	0.488	0.618	0.183	0.078	0.007	0.088	0.334	0.0378	0.007	27
28	0.034	0.030	0.413	0.580	0.440	0.107	0.078	0.008	0.024	0.332	0.0378	0.007	28
29	0.038	0.027	1.65 B	0.605	0.374	0.131	0.089	0.008	0.004	0.318	0.0388	0.007	29
30	0.036		2.15	0.834	0.318	0.334	0.084	0.080	0.004	0.308	0.0388	0.008	30
31	0.033		1.28		0.333		0.080	0.148		0.302		0.007	31
TOTAL	1.367	1.148	5.983	18.880	28.278	5.880	5.184	1.857	1.514	4.091	3.889	0.878	TOTAL
MEAN	0.044	0.040	0.212	0.652	0.912	0.185	0.167	0.080	0.050	0.128	0.095	0.022	MEAN
MAX	0.067	0.062	2.15	0.878	2.00	0.336	0.328	0.288	0.552	0.720	0.435	0.043	MAX
MIN	0.032	0.027	0.021	0.384	0.318	0.081	0.080	0.008	0.004	0.004	0.030	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.218
MAXIMUM DAILY, 2.15 ON MAR 30
MINIMUM DAILY, 0.004 ON SEP 28
MAXIMUM INSTANTANEOUS,
3.12 AT 10:02 AST ON MAR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 34 N
LONG 68 16 42 W
DRAINAGE AREA, 13.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	117	JUL	448
FEB	99.3	AUG	160
MAR	587	SEP	131
APR	1 630	OCT	348
MAY	2 440	NOV	247
JUN	488	DEC	58.4

TOTAL DISCHARGE, 5 780 dam³

FRENCH LAKE AT LAKEVILLE CORNER - STATION NO. 01AD010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.328	1.188	1.308	2.478	2.880	1.848	1.132	---	---	---	---	2.048	1
2	1.282	1.168	1.282	2.817	3.004	1.881	1.180	---	---	---	---	2.018	2
3	1.238	1.117	1.238	2.730	2.978	1.878	1.182	---	---	---	---	1.887	3
4	1.184	1.108	1.214	2.638	2.811	1.875	1.238	---	---	---	---	1.807	4
5	1.188	1.130	1.184	2.030	2.888	1.840	1.280	---	---	---	---	1.838	5
6	1.174	1.148	1.187	2.082	2.788	1.480	1.318	---	---	---	---	1.772	6
7	1.178	1.143	1.138	3.108	2.784	1.440	1.343	---	---	---	---	1.888	7
8	1.188	1.143	1.108	3.178	2.888	1.438	---	---	---	---	---	1.824	8
9	1.148	1.138	1.081	3.202	2.818	1.432	---	---	---	---	---	1.858	9
10	1.118	1.108	1.078	3.178	2.888	1.438	---	---	---	---	---	1.824	10
11	---	1.080	1.084	3.180	2.488	1.383	---	---	---	---	---	1.808	11
12	---	1.082	1.038	3.182	2.480	1.388	---	---	---	---	---	1.884	12
13	---	1.078	1.033	3.183	2.388	1.332	---	---	---	---	---	1.838	13
14	---	1.087	1.018	3.148	2.348	1.378	---	---	---	---	---	1.838	14
15	---	1.094	0.998	3.148	2.283	1.388	---	---	---	---	---	1.833	15
16	---	1.088	1.000	3.187	2.248	1.234	---	---	---	---	---	1.808	16
17	---	1.128	1.023	3.188	2.211	1.221	---	---	---	---	---	1.874	17
18	---	1.178	1.088	3.241	2.218	1.177	---	---	---	---	2.002	1.338	18
19	0.984	1.218	1.100	3.271	2.193	1.134	---	---	---	---	1.981	1.287	19
20	1.018	1.283	1.140	3.238	2.142	---	---	---	---	---	1.884	1.281	20
21	1.082	1.380	1.183	3.181	2.071	---	---	---	---	---	2.044	1.244	21
22	1.153	1.422	1.181	3.111	1.882	---	---	---	---	---	2.042	1.218	22
23	1.222	1.500	1.208	3.038	1.818	0.888	---	---	---	---	2.087	1.184	23
24	1.288	1.532	1.182	2.988	1.828	0.880	---	---	---	---	2.108	1.188	24
25	1.284	1.531	1.182	2.888	1.771	0.841	---	---	---	---	2.128	1.187	25
26	1.310	1.510	1.148	2.880	1.738	0.847	---	---	---	---	2.118	1.178	26
27	1.327	1.472	1.318	2.881	1.687	0.881	---	---	---	---	2.088	1.171	27
28	1.330	1.412	1.728	2.888	1.873	0.884	---	---	---	---	2.011	1.181	28
29	1.327	1.380	2.105	2.804	1.841	1.001	---	---	---	---	1.982	1.138	29
30	1.293		2.308	2.821	1.804	1.088	---	---	---	---	2.020	1.082	30
31	1.253		2.387		1.881		---	---	---	---		1.048	31
MEAN	---	1.234	1.263	3.025	2.278	---	---	---	---	---	---	1.440	MEAN
MAX	---	1.532	2.387	3.271	3.004	---	---	---	---	---	---	2.048	MAX
MIN	---	1.082	0.998	2.478	1.881	---	---	---	---	---	---	1.048	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.271 ON APR 19

MAXIMUM INSTANTANEOUS,
3.282 AT 13:53 AST ON APR 19

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 54 30 N
LONG 66 16 31 W

REGULATED

GRAND FALLS FLOWAGE AT GRAND FALLS - STATION NO. 01AN013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	81.387	81.420	81.588	82.016	82.017	81.909	81.870	81.731	81.636	81.608	81.821	81.748	1
2	81.384	81.426	81.584	82.016	81.988	81.874	81.821	81.734	81.900A	81.608	81.824	81.726	2
3	81.388	81.430	81.544	82.008	81.983	81.888	81.877	81.714	81.668A	81.619	81.835	81.885	3
4	81.384	81.442	81.528	82.016	81.985	81.881	81.888	81.713	81.780A	81.585	81.836	81.883	4
5	81.387	81.481	81.500	82.020	81.947	81.881	81.718	81.702	81.807A	81.630	81.906	81.810	5
6	81.377	81.484	81.472	81.995	81.923	81.908	81.721	81.678	81.883A	81.626	81.874	81.888	6
7	81.380	81.483	81.452	81.988	81.878	81.905	81.718	81.675	81.872A	81.630	81.858	81.826	7
8	81.381	81.484	81.458	81.862	81.847	81.900	81.713	81.683	81.880A	81.618	81.875	81.816	8
9	81.386	81.485	81.405	81.891	81.822	81.895	81.714	81.716	81.838A	81.661	81.859	81.893	9
10	81.384	81.488	81.389	81.896	81.781	81.888	81.734	81.714	81.830A	81.908	81.831	81.866	10
11	81.382	81.448	81.347	81.885	81.738	81.882	81.738	81.894	81.818A	81.908	81.837	81.833	11
12	81.386	81.461	81.316	81.857	81.710	81.903	81.737	81.879	81.748A	81.835	81.818	81.884	12
13	81.342	81.473	81.342	81.837	81.676	81.908	81.737	81.881	81.673A	81.888	81.782	81.338	13
14	81.386	81.488	81.380	81.810	81.885	81.910	81.736	81.887	81.623A	81.883	81.826	81.316	14
15	81.380	81.478	81.328	81.874	81.881	81.906	81.718	81.714	81.620A	81.881	81.807	81.283	15
16	81.280	81.484	81.316	81.883	81.885	81.907	81.707	81.718	81.601A	81.878	81.781	81.288	16
17	81.318	81.434	81.292	81.911	81.883	81.891	81.695	81.712	81.600A	81.885	81.728	81.335	17
18	81.365	81.417	81.280	81.913	81.839	81.886	81.690	81.708	81.620A	81.874	81.728	81.282	18
19	81.372	81.414	81.288	81.910	81.813	81.889	81.883	81.704	81.644A	81.877	81.710	81.174	19
20	81.388	81.431	81.298	81.904	81.888	81.888	81.878	81.698	81.624A	81.888	81.887	81.188	20
21	81.383	81.452	81.288	81.880	81.886	81.886	81.888	81.883	81.618A	81.883	81.713	81.182	21
22	81.384	81.458	81.272	81.888	81.905	81.878	81.874	81.892	81.643A	81.884	81.605	81.180	22
23	81.387	81.481	81.281	81.818	81.907	81.878	81.878	81.708	81.648	81.886	81.642	81.135	23
24	81.388	81.524	81.248	81.784	81.901	81.888	81.883	81.708	81.682	81.744	81.640	---	24
25	81.403	81.887	81.244	81.817	81.888	81.848	81.711	81.727	81.885	81.801	81.788	---	25
26	81.425	81.585	81.278	81.884	81.812	81.883	81.728	81.784	81.884	81.842	81.788	81.111	26
27	81.430	81.582	81.458	81.835	81.835	81.848	81.718	81.821	81.888	81.883	81.730	81.122	27
28	81.414	81.584	81.781	81.837	81.828	81.848	81.708	81.881	81.888	81.878	81.703	81.143	28
29	81.413	81.588	81.878	81.838	81.834	81.840	81.888	81.878	81.880	81.888	81.731	81.184	29
30	81.415		81.926	81.887	81.828	81.833	81.888	81.820	81.828	81.870	81.742	81.188	30
31	81.419		81.978		81.828		81.718	81.839		81.848		81.180	31
MEAN	81.393	81.471	81.440	81.933	81.736	81.883	81.888	81.734	81.722	81.878	81.803	---	MEAN
MAX	81.425	81.585	81.978	82.020	82.017	81.810	81.737	81.838	81.883	81.838	81.838	---	MAX
MIN	81.280	81.414	81.244	81.784	81.588	81.833	81.870	81.878	81.800	81.618	81.887	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 82.020 ON APR 5
MINIMUM DAILY, 81.111 ON DEC 26
MAXIMUM INSTANTANEOUS,
82.037 AT 21:36 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 30 N
LONG 67 28 46 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - PUBLISHED UNDER THE NAME "GRAND FALLS LAKE AT GRAND FALLS" TO 1985

GRAND LAKE AT FOREST CITY - STATION NO. 01AR009

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131.886	131.771	131.722	131.773	132.266	132.270	132.122	132.038	131.838	131.484	131.367	131.612	1
2	131.842	131.784	131.716	131.800	132.266	132.262	132.136	132.028	131.824	131.477	131.360	131.617	2
3	131.838	131.778	131.706	131.833	132.260	132.263	132.132	132.022	131.811	131.488	131.407	131.620	3
4	131.841	131.782	131.701	131.885	132.278	132.262	132.121	132.048	131.788	131.451	131.422	131.632	4
5	131.838	131.781	131.695	131.893	132.278	132.260	132.113	132.043	131.781	131.448	131.435	131.631	5
6	131.838A	131.787	131.681	131.920	132.278	132.242	132.116	132.040	131.781	131.438	131.438	131.626	6
7	131.830A	131.781	131.668	131.944	132.281	132.224	132.107	132.030	131.778	131.417	131.436	131.624	7
8	131.827	131.778	131.664	131.873	132.281	132.218	132.101	132.031	131.768	131.407	131.452	131.624	8
9	131.826	131.777	131.668	131.864	132.278	132.212	132.108	132.026	131.736	131.387	131.468	131.622	9
10	131.824	131.776	131.648	131.889	132.286	132.206	132.117	132.017	131.731	131.388	131.481	131.621	10
11	131.811	131.771	131.638	132.016	132.286	132.203	132.118	132.003	131.722	131.378	131.472	131.616	11
12	131.788	131.768	131.627	132.027	132.287	132 197	132.122	131.994	131.710	131.372	131.471	131.615	12
13	131.787	131.778	131.617	132.020	132.288	132.188	132.120	131.994	131.698	131.373	131.464	131.611	13
14	131.773A	131.778	131.614	132.038	132.288	132.178	132.100	131.972	131.688	131.384	131.474	131.608	14
15	131.773A	131.788	131.613	132.036	132.282	132.176	132.116	131.983	131.674	131.340	131.480	131.604	15
16	131.773A	131.788	131.606	132.058	132.268	132.174	132.106	131.982	131.680	131.328	131.473	131.603	16
17	131.776	131.786	131.607	132.074	132.267	132.168	132.105	131.969	131.644	131.317	131.477	131.605	17
18	131.778	131.783	131.598	132.081	132.268	132.168	132.088	131.968	131.642	131.314	131.481	131.601	18
19	131.784	131.746	131.584	132.101	132.266	132.167	132.101	131.939	131.645	131.333	131.482	131.601	19
20	131.787	131.783	131.582	132.113	132.262	132.163	132.104	131.918	131.631	131.328	131.491	131.597	20
21	131.781	131.786	131.584	132.108	132.268	132.170	132.088	131.906	131.618	131.314	131.538	131.591	21
22	131.788	131.786	131.572	132.116	132.260	132.162	132.088	131.897	131.618	131.314	131.553	131.587	22
23	131.786	131.787	131.588	132.117	132.266	132.168	132.088	131.882	131.602	131.324	131.554	131.588	23
24	131.778	131.785	131.580	132.128	132.247	132.148	132.090	131.886	131.589	131.328	131.556	131.588	24
25	131.787	131.780	131.581	132.183	132.268	132.126	132.083	131.880	131.572	131.347	131.558	131.583	25
26	131.786	131.741	131.584	132.171	132.267	132.122	132.072	131.868	131.568	131.383	131.557	131.581	26
27	131.783	131.741	131.613	132.188	132.266	132.123	132.066	131.858	131.538	131.388	131.558	131.584	27
28	131.780	131.732	131.582	132.200	132.268	132.116	132.071	131.844	131.521	131.364	131.570	131.580	28
29	131.787	131.728	131.596	132.228	132.278	132.113	132.082	131.838	131.507	131.358	131.602	131.586	29
30	131.781		131.719	132.243	132.268	132.100	132.083	131.848	131.493	131.382	131.604	131.588	30
31	131.778		131.744		132.272		132.048	131.845		131.350		131.587	31
MEAN	131.801	131.764	131.638	132.041	132.263	132.184	132.100	131.953	131.672	131.373	131.488	131.605	MEAN
MAX	131.886	131.791	131.744	132.243	132.288	132.270	132.136	132.048	131.838	131.484	131.604	131.632	MAX
MIN	131.787	131.728	131.580	131.773	132.268	132.106	132.048	131.839	131.493	131.314	131.347	131.581	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 131.828
MAXIMUM DAILY, 132.288 ON MAY 16
MINIMUM DAILY, 131.314 ON OCT 18
MAXIMUM INSTANTANEOUS,
132.302 AT 03:53 EST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 39 54 N
LONG 67 44 10 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO INTERNATIONAL BOUNDARY COMMISSION DATUM

REMARKS - PUBLISHED UNDER THE NAME "EAST GRAND LAKE AT FOREST CITY" TO 1985

NEW BRUNSWICK

GRAND LAKE AT NEWCASTLE CREEK - STATION NO. 01AE003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.281	1.170	1.278	3.418	2.914	1.517	1.053	---	1.471	1.075	1.884	1.880	1
2	1.334	1.123	1.245	3.408	2.923	1.511	1.117	---	1.458	1.077	1.817	1.881	2
3	1.178	1.081	1.216	3.721	2.882	1.526	1.148	---	1.401	1.041	1.785	1.807	3
4	1.130	1.062	1.188	3.637	2.854	1.521	1.201	---	1.339	0.987	1.870	1.864	4
5	1.168	1.121	1.167	3.819	2.808	1.457	1.243	---	1.287	0.868	1.882	1.778	5
6	1.148	1.122	1.148	3.858	2.781	1.408	1.282	---	1.258	0.918	1.894	1.888	6
7	1.143	1.122	1.122	3.847	2.870	1.398	---	---	1.218	0.882	1.808	1.818	7
8	1.128	1.118	1.089	3.151	2.812	1.388	---	---	1.173	0.882	1.818	1.842	8
9	1.107	1.104	1.082	3.183	2.868	1.388	---	---	1.148	0.887	1.833	1.800	9
10	1.071	1.080	1.082	3.108	2.868	1.381	---	---	1.128	0.891	1.888	1.484	10
11	1.024	1.081	1.083	3.038	2.447	1.331	---	---	1.087	1.002	2.041	1.442	11
12	0.977	1.038	1.042	3.087	2.381	1.283	---	---	1.067	1.023	2.085	1.404	12
13	0.935	1.058	1.011	3.098	2.321	1.248	---	---	1.072	1.030	2.044	1.389	13
14	0.908	1.085	0.988	3.118	2.288	1.207	---	---	1.077	1.023	1.895	1.380	14
15	0.819	1.073	0.981	3.118	2.238	1.200	---	---	1.047	0.887	1.874	1.378	15
16	0.882	1.079	0.887	3.113	2.187	1.182	---	1.080	1.013	0.887	1.848	1.280	16
17	0.951	1.116	1.023	3.184	2.143	1.137	---	1.088	0.988	0.842	1.847	1.318	17
18	0.844	1.181	1.052	3.302	2.083	1.100	---	1.087	0.984	0.823	1.887	1.282	18
19	0.873	1.208	1.108	3.243	2.071	1.068	---	1.088	0.938	0.888	1.855	1.230	19
20	1.011	1.288	1.149	3.287	2.042	1.034	---	1.104	0.908	0.897	1.842	1.188	20
21	1.078	1.383	1.178	3.188	1.980	0.995	---	1.078	0.882	0.940	1.903	1.187	21
22	1.151	1.422	1.200	3.088	1.908	0.985	---	1.088	0.904	0.978	2.007	1.187	22
23	1.218	1.481	1.208	2.970	1.837	0.982	---	1.021	0.933	1.108	2.087	1.138	23
24	1.284	1.518	1.177	2.888	1.748	0.930	---	0.988	0.888	1.238	2.081	1.121	24
25	1.274	1.487	1.127	2.808	1.870	0.882	---	0.982	0.878	1.378	2.087	1.134	25
26	1.305	1.474	1.121	2.801	1.868	0.904	---	1.088	1.004	1.518	2.084	1.147	26
27	1.324	1.433	1.277	2.833	1.830	0.891	---	1.203	1.028	1.888	1.888	1.132	27
28	1.327	1.372	1.710	2.820	1.813	0.814	---	1.282	1.087	1.787	1.814	1.118	28
29	1.302	1.317	2.104	2.786	1.888	0.881	---	1.331	1.088	1.812	1.817	1.084	29
30	1.283		2.271	2.870	1.520	1.008	---	1.389	1.088	1.778	1.870	1.043	30
31	1.322		2.380		1.523		---	1.438		1.730		0.889	31
MEAN	1.125	1.212	1.280	3.077	2.204	1.188	---	---	1.098	1.142	1.844	1.288	MEAN
MAX	1.327	1.518	2.380	3.243	2.932	1.528	---	---	1.471	1.812	2.081	1.880	MAX
MIN	0.896	1.038	0.881	2.488	1.520	0.881	---	---	0.902	0.888	1.817	0.889	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.243 ON APR 19
MINIMUM DAILY, 0.888 ON OCT 5
MAXIMUM INSTANTANEOUS,
3.295 AT 12:02 AST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 37 N
LONG 66 00 13 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRANDE RIVIERE AT VIOLETTE BRIDGE - STATION NO. 01AF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.088	1.28 B	0.8478	10.38	22.2	4.18	5.83	1.06	1.78	1.38	4.87	7.84	1
2	1.008	1.40 B	0.8288	11.8C	20.7	3.78	4.22	1.01	1.84	1.28	7.02	8.408	2
3	1.828	1.32 B	0.8098	14.08	18.7	3.38	4.20	0.981	1.88	2.81	14.7	4.408	3
4	1.788	1.24 B	0.7888	30.08	18.8	3.05	8.13	1.40	1.86	4.28	11.8	8.108	4
5	1.708	1.18 B	0.7888	47.08	18.8	2.73	3.87	1.83	3.21	2.88	8.58	3.888	5
6	1.858	1.08 B	0.7488	44.08	18.1	2.58	2.88	1.72	7.83	2.38	7.48	3.008	6
7	1.888	1.02 B	0.7208	41.4	17.5	2.27	2.17	8.38	4.38	2.48	8.43	2.708	7
8	1.858	0.8888	0.7008	37.3	14.2	2.08	2.17	8.13	2.82	2.38	10.8	2.408	8
9	1.808	0.8418	0.6888	27.8	11.8	1.82	2.32	3.87	2.14	2.08	8.38	2.208	9
10	1.488	0.8888	0.6882	36.8	10.8	1.87	1.81	2.82	1.78	2.82	8.28	2.008	10
11	1.428	0.8888	0.8588	38.7	9.88	1.82	1.88	2.37	1.88	3.10	8.38	1.888	11
12	1.388	0.8388	0.8588	31.7	12.3	1.78	3.02	1.81	1.48	3.78	7.48	1.788	12
13	1.348	0.8068	0.8488	27.1	12.2	1.82	8.78	1.88	1.88	3.81	8.17	1.888	13
14	1.308	0.7888	0.8438	24.8	8.88	2.38	4.12	1.31	3.24	3.28	8.88	1.888	14
15	1.278	0.7888	0.8408	23.2	8.08	4.41	4.47	1.48	2.73	2.87	8.88	1.878	15
16	1.248	0.7588	0.8588	22.8	7.81	3.02	4.04	8.32	2.87	1.88	7.84	1.838	16
17	1.228	0.7258	0.8688	20.3	8.88	2.20	2.88	7.82	1.78	1.81	8.82	1.808	17
18	1.208	0.7208	0.8888	21.8	9.88	2.02	2.28	4.25	1.82	1.78	8.88	1.478	18
19	1.388	0.7188	0.8888	28.1	9.15	1.88	2.02	2.82	2.88	4.13	7.81	1.488	19
20	1.488	0.7008	0.8788	27.8	7.32	1.72	2.18	2.84	3.88	8.28	8.38	1.438	20
21	1.508	0.8888	0.8588	22.1	8.28	1.72	1.82	1.77	2.42	3.78	8.88	1.508	21
22	1.908	0.8008	0.8388	18.8	5.71	1.88	1.81	1.88	2.58	3.02	8.408	1.578	22
23	1.838	0.8888	0.8288	17.8	5.17	1.88	1.88	1.42	2.36	8.17	8.858	1.838	23
24	1.788	1.03 B	0.8208	20.8	4.81	1.82	1.42	1.38	2.88	7.81	4.808	1.708	24
25	1.788	1.00 B	0.8188	20.8	4.48	1.41	1.38	2.38	1.81	10.3	4.808	1.738	25
26	1.838	0.8888	1.10 B	20.8	8.87	3.82	1.32	11.1	1.88	18.1	4.408	1.708	26
27	1.858	0.8388	3.80 B	23.4	8.87	8.88	1.18	7.48	1.48	10.2	4.808	1.888	27
28	1.488	0.8888	8.88 B	24.4	8.78	3.11	1.18	4.22	1.48	7.88	8.88	1.838	28
29	1.388	0.8788	8.38 B	26.3	8.27	2.27	1.18	3.18	1.43	8.71	8.17	1.808	29
30	1.388		8.28 B	22.8	4.32	4.41	1.18	2.72	1.42	8.27	10.7	1.578	30
31	1.388		8.88 B		4.88		1.14	2.28		8.84		1.848	31
TOTAL	47.88	27.888	83.887	788.4	388.82	77.18	83.87	88.881	88.18	134.72	333.81	71.88	TOTAL
MEAN	1.52	0.837	1.71	26.3	10.8	2.87	2.78	3.22	2.31	4.28	7.48	2.31	MEAN
MAX	1.88	1.40	8.88	47.8	22.2	8.88	8.78	11.1	7.83	18.1	14.7	7.84	MAX
MIN	1.28	0.888	0.818	18.3	4.88	1.41	1.14	0.881	1.42	1.28	4.48	1.43	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.48
MAXIMUM DAILY, 47.08 ON APR 5
MINIMUM DAILY, 0.8188 ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 48 N
LONG 67 55 18 W
DRAINAGE AREA, 338 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 100	JUL	7 220
FEB	2 340	AUG	8 630
MAR	4 880	SEP	8 880
APR	68 200	OCT	11 600
MAY	28 400	NOV	18 300
JUN	8 870	DEC	8 188

TOTAL DISCHARGE, 173 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "GRAND RIVER AT VIOLETTE BRIDGE" TO 1988

GREEN RIVER NEAR RIVIERE-VERTE - STATION NO. 01AP003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6 B	8.670	8.660	24.0B	81.7	30.6	40.4	11.4	21.2	10.2	38.3	21.1	1
2	8.480	8.640	9.160	31.0B	65.2	27.3	38.5	12.0	21.3	12.3	32.2	32.0	2
3	7.440	8.610	8.260	36.0B	86.0	23.6	35.6	9.82	21.0	15.6	30.6	18.1	3
4	8.310	3.600	8.610	58.0B	93.6	22.6	33.0	14.2	17.0	14.9	30.0	21.8	4
5	8.130	4.080	9.460	72.0B	123	23.1	33.2	11.4	21.1	14.0	29.9	14.9 B	5
6	8.780	8.310	9.360	64.0B	127	22.3	30.2	12.0	25.6	11.6	43.9	10.3 B	6
7	8.180	8.440	9.160	71.0B	121	22.2	31.9	16.1	17.6	13.2	42.6	16.6 B	7
8	8.400	7.820	7.860	62.4	117	22.0	32.6	15.9	18.6	12.6	44.2	15.6 B	8
9	7.270	7.270	8.750	66.6	108	18.4	28.2	13.2	17.7	12.1	36.3	10.4 B	9
10	8.730	8.260	8.760	74.2	106	19.0	28.4	12.6	17.4	13.4	36.3	8.640	10
11	12.6 B	5.860	4.670	76.4	97.6	20.4	25.9	10.6	18.7	12.4	41.2	8.140	11
12	11.3 B	8.430	3.610	76.1	85.4	16.7	26.2	11.4	16.1	15.0	37.8	13.1 B	12
13	10.7 B	7.660	4.170	80.3	84.1	16.8	29.7	10.3	16.6	13.6	33.0	16.4 B	13
14	11.3 B	13.1 B	2.980	85.8	75.8	17.6	27.8	8.86	20.1	12.3	33.6	16.1 B	14
15	11.0 B	13.2 B	5.420	83.3	87.2	20.1	23.6	10.8	18.3	13.2	33.0	15.4 B	15
16	8.150	10.6 B	3.910	83.1	86.8	20.3	27.7	10.0	14.4	11.8	31.8	14.7 B	16
17	11.2 B	8.440	5.030	86.8	67.6	18.3	27.6	16.2	15.1	15.0	31.6	13.4 B	17
18	8.340	8.880	3.630	86.7	87.6	23.2	23.4	14.6	16.1	12.3	36.6	10.7 B	18
19	7.780	7.270	3.630	82.8	46.3	22.8	23.4	14.6	16.6	16.1	36.2	15.9 B	19
20	8.880	12.1 B	3.910	81.4	81.0	18.1	21.8	13.9	16.1	15.7	34.3	16.7 B	20
21	8.820	13.1 B	3.910	80.0	47.3	25.6	21.2	13.4	16.6	13.0	33.6	8.640	21
22	4.770	12.6 B	3.430	80.6	48.6	24.3	25.4	12.2	15.7	13.8	34.0	8.240	22
23	4.680	12.2 B	2.230	87.0	40.4	18.3	20.9	12.3	18.6	18.1	38.6	10.2 B	23
24	4.090	10.1 B	2.010	82.0	40.8	18.2	18.1	12.1	8.80	16.8	38.4	7.640	24
25	3.670	7.860	4.660	86.1	37.6	17.3	16.9	13.3	14.6	21.8	34.7	8.420	25
26	4.260	8.640	4.660	86.8	37.4	22.0	17.1	17.8	15.3	27.8	27.4	8.170	26
27	3.860	11.7 B	5.240	84.2	38.0	26.3	17.2	14.7	13.8	30.8	27.2	7.710	27
28	3.600	10.8 B	10.1 B	78.7	33.1	22.1	21.2	14.4	13.4	30.8	26.6	10.7 B	28
29	3.760	10.6 B	8.740	83.1	31.2	26.0	16.6	16.4	12.9	33.1	27.1	10.2 B	29
30	4.810		11.6 B	81.8	28.6	28.7	13.4	21.6	14.9	31.8	26.1	8.830	30
31	6.730		14.8 B		30.1		14.8	19.3		31.8		8.000	31
TOTAL	219.14	203.23	190.72	1 886.3	2 156.6	698.3	780.0	430.80	514.96	634.3	1 014.6	386.82	TOTAL
MEAN	7.07	6.73	6.15	62.2	69.6	23.3	25.5	13.9	17.2	17.2	33.8	12.8	MEAN
MAX	12.8	13.2	14.8	91.8	127	38.7	40.4	21.6	25.6	33.1	44.2	32.0	MAX
MIN	3.67	3.89	2.01	24.0	28.6	18.7	13.4	8.86	8.86	10.2	24.7	8.42	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.0
MAXIMUM DAILY, 127 ON MAY 6
MINIMUM DAILY, 2.010 ON MAR 24
MAXIMUM INSTANTANEOUS,
127 AT 15:06 AST ON MAY 6

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 30 06 N
LONG 68 06 06 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 900	JUL	60 300
FEB	21 000	AUG	37 200
MAR	16 500	SEP	44 500
APR	164 000	OCT	49 200
MAY	186 000	NOV	87 700
JUN	80 400	DEC	34 300

TOTAL DISCHARGE, 788 000 dam³

HAYDEN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.092	0.051	0.040	0.340	0.353E	0.058	0.047	0.015	0.019	0.018	0.058	0.170	1
2	0.080	0.108	0.038	0.305	0.320E	0.057	0.041	0.014	0.017	0.016	0.038	0.161	2
3	0.059	0.074	0.036	0.473	0.278E	0.054	0.034	0.014	0.018	0.020	0.364	0.151	3
4	0.058	0.058	0.037	0.515	0.250E	0.046	0.029	0.062	0.018	0.030	0.302	0.1370	4
5	0.069	0.054	0.038	0.537	0.230E	0.041	0.027	0.036	0.026	0.019	0.180	0.1220	5
6	0.063	0.047	0.035	0.544	0.208E	0.042	0.026	0.024	0.023	0.025	0.160	0.1600	6
7	0.060	0.048	0.036	0.518	0.190E	0.041	0.026	0.013	0.017	0.023	0.172	0.1550	7
8	0.054	0.045	0.038	0.493	0.176E	0.040	0.023	0.010	0.014	0.021	0.234	0.1210	8
9	0.054	0.046	0.038	0.480	0.167E	0.038	0.021	0.010	0.013	0.027	0.170	0.1150	9
10	0.053	0.042	0.038	0.551	0.157E	0.035	0.021	0.010	0.014	0.036	0.180	0.1100	10
11	0.049	0.039	0.041	0.544	0.182A	0.035	0.021	0.010	0.013	0.045	0.310	0.1060	11
12	0.046	0.041	0.037	0.390	0.220	0.036	0.020	0.014	0.013	0.069	0.210	0.1050	12
13	0.050	0.043	0.037	0.353	0.197	0.038	0.023	0.014	0.020	0.032	0.170	0.1020	13
14	0.047	0.043	0.037	0.364	0.138	0.034	0.021	0.014	0.022	0.028	0.171	0.1000	14
15	0.043	0.042	0.038	0.388A	0.122	0.032	0.024	0.047	0.018	0.028	0.178	0.0970	15
16	0.044	0.042	0.035	0.328E	0.118	0.030	0.023	0.024	0.018	0.028	0.182	0.0940	16
17	0.043	0.040	0.030	0.304E	0.116	0.031	0.024	0.025	0.016	0.026	0.189	0.0920	17
18	0.055	0.040	0.035	0.339E	0.117	0.035	0.021	0.020	0.033	0.027	0.228	0.0900	18
19	0.115B	0.040	0.037	0.288E	0.111	0.031	0.023	0.018	0.037	0.121	0.187	0.0888	19
20	0.140B	0.048	0.037	0.364A	0.100	0.028	0.030	0.016	0.022	0.072	0.151	0.0880	20
21	0.087	0.058B	0.036	0.306	0.087	0.031	0.022	0.018	0.047	0.060	0.167	0.0880	21
22	0.068	0.045	0.035	0.287	0.081	0.027	0.020	0.015	0.044	0.045	0.144	0.0848	22
23	0.064	0.048	0.035	0.305	0.081	0.028	0.019	0.014	0.029	0.106	0.130	0.080	23
24	0.062	0.063	0.037	0.336	0.080	0.031	0.018	0.014	0.023	0.148	0.1198	0.078	24
25	0.061	0.047	0.048	0.388	0.086	0.028	0.020	0.026	0.020	0.484	0.1008	0.080	25
26	0.062	0.046	0.080	0.419	0.130	0.078	0.019	0.087	0.019	0.194	0.1038	0.076	26
27	0.048	0.042	0.068B	0.420	0.111	0.037	0.018	0.030	0.017	0.110	0.123	0.073	27
28	0.047	0.042	0.706	0.372A	0.085	0.030	0.020	0.021	0.019	0.080	0.262	0.078	28
29	0.047	0.041	0.357	0.285E	0.070	0.053	0.020	0.018	0.019	0.128	0.370	0.077	29
30	0.048		0.275B	0.400E	0.058	0.058	0.018	0.038	0.018	0.081	0.207	0.070	30
31	0.048		0.273		0.067		0.018	0.028		0.072		0.068	31
TOTAL	1.798	1.418	3.288	12.482	4.854	1.191	0.740	0.770	0.831	2.269	5.838	3.183	TOTAL
MEAN	0.058	0.049	0.106	0.415	0.150	0.040	0.024	0.025	0.021	0.073	0.186	0.103	MEAN
MAX	0.140	0.108	0.706	0.551	0.353	0.078	0.047	0.087	0.047	0.484	0.526	0.170	MAX
MIN	0.043	0.039	0.035	0.287	0.058	0.027	0.018	0.014	0.013	0.018	0.058	0.068	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.105
MAXIMUM DAILY, 0.706 ON MAR 26
MINIMUM DAILY, 0.013 ON SEP 8
MAXIMUM INSTANTANEOUS,
1.09 AT 23:40 AST ON MAR 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 58 N
LONG 67 02 13 W
DRAINAGE AREA, 8.48 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	158	JUL	63.8
FEB	122	AUG	66.5
MAR	354	SEP	84.5
APR	960	OCT	198
MAY	402	NOV	512
JUN	103	DEC	276

TOTAL DISCHARGE, 3 310 dam³

NEW BRUNSWICK

JACQUET RIVER NEAR DURHAM CENTRE - STATION NO. 01BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.288	1.70 B	0.8308	84.0B	41.3	9.03	10.5	2.52	4.00	2.05	9.80	10.1	1
2	3.128	1.68 B	0.9258	84.0B	38.2	8.84	31.3	2.30	3.76	2.03	17.3	9.04	2
3	3.008	1.61 B	0.9208	48.0B	40.0	8.44	18.2	2.24	3.71	2.18	40.0	8.40	3
4	2.928	1.58 B	0.9158	88.0B	44.4	7.77	14.8	2.40	3.47	2.30	28.3	8.07	4
5	2.868	1.52 B	0.9108	76.0B	70.3	7.18	11.7	2.53	3.48	2.23	22.9	7.808	5
6	2.708	1.48 B	0.9008	84.0B	88.8	8.85	9.98	4.22	3.87	2.48	21.0	8.408	6
7	2.608	1.46 B	0.8908	84.0B	88.4	8.70	9.19	8.38	3.36	2.62	21.7	12.0 B	7
8	2.508	1.40 B	0.8808	31.4	78.3	8.88	8.87	4.84	3.19	2.80	20.3	8.708	8
9	2.408	1.37 B	0.8708	30.7	85.0	8.73	7.98	12.3	2.88	2.48	17.6	7.408	9
10	2.308	1.34 B	0.8608	44.5	88.5	8.44	7.05	6.83	2.79	3.36	16.2	8.508	10
11	2.248	1.30 B	0.8508	56.7	82.8	8.21	7.80	6.80	2.72	3.88	17.8	8.008	11
12	2.178	1.27 B	0.8408	42.7	88.1	4.81	7.14	5.71	2.71	4.12	18.3	8.808	12
13	2.108	1.24 B	0.8308	33.8	88.9	4.58	6.30	5.18	2.79	4.01	14.0	8.208	13
14	2.008	1.21 B	0.8508	28.8	45.0	4.80	7.21	8.83	2.83	3.88	13.0	4.908	14
15	1.958	1.18 B	1.18 B	28.1	36.0	4.31	7.80	8.47	2.88	3.87	12.8	4.708	15
16	1.908	1.17 B	1.18 B	28.2	29.8	4.07	8.81	14.7	2.83	3.32	11.8	4.508	16
17	1.888	1.18 B	1.14 B	26.3	28.0	4.00	8.02	16.1	2.46	3.18	10.8	4.308	17
18	1.978	1.11 B	1.13 B	25.6	22.8	4.21	8.49	11.8	2.37	3.18	10.4	4.208	18
19	2.118	1.08 B	1.10 B	24.6	19.8	3.87	9.09	9.82	2.88	3.21	9.81	4.108	19
20	2.018	1.07 B	0.8708	28.2	17.0	3.82	8.91	8.49	2.87	3.88	8.84	4.008	20
21	1.958	1.05 B	0.8508	24.8	14.8	3.47	4.49	7.83	2.87	3.91	8.008	3.808	21
22	1.888	1.03 B	0.8258	24.0	13.0	3.36	4.21	6.86	2.88	3.85	7.308	3.808	22
23	1.848	1.01 B	0.8028	22.8	11.7	3.21	4.05	5.29	2.71	8.89	8.858	3.708	23
24	1.808	1.00 B	0.8808	24.8	10.8	3.04	3.75	5.84	2.87	11.1	5.838	3.808	24
25	1.748	0.9908	1.00 B	24.1	9.84	2.88	3.83	5.89	2.84	20.8	5.488	3.908	25
26	1.688	0.9808	2.30 B	23.8	12.8	4.89	3.40	5.75	2.39	27.1	5.038	3.408	26
27	1.628	0.9888	5.80 B	28.8	13.3	5.72	3.18	5.88	2.30	18.8	5.038	3.308	27
28	1.608	0.9808	38.0 B	37.7	11.8	5.45	3.05	5.84	2.22	16.0	6.178	3.208	28
29	1.548	0.9408	88.0 B	38.4	9.88	5.83	2.88	4.82	2.18	14.2	11.2	3.108	29
30	1.508		84.0 B	40.9	8.82	13.8	2.80	4.80	2.13	12.8	10.4	3.058	30
31	1.588		88.0 B		8.02		2.87	4.39		11.1		3.008	31
TOTAL	88.82	35.818	288.907	1 133.7	1 143.38	187.88	228.32	212.34	84.85	205.88	412.04	189.28	TOTAL
MEAN	2.16	1.24	8.29	37.8	38.8	6.88	7.40	6.85	2.83	6.63	13.7	6.46	MEAN
MAX	3.28	1.78	88.0	76.0	88.8	13.8	21.3	16.1	4.00	27.1	40.0	12.0	MAX
MIN	1.80	0.940	0.830	22.8	8.02	2.88	2.87	2.24	2.13	2.03	8.03	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 88.8 ON MAY 6
MINIMUM DAILY, 0.8308 ON MAR 12
MAXIMUM INSTANTANEOUS,
112 AT 01:33 AST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 52 N
LONG 68 01 47 W
DRAINAGE AREA, 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 780	JUL	18 800
FEB	3 080	AUG	16 300
MAR	22 200	SEP	7 340
APR	86 000	OCT	17 800
MAY	88 600	NOV	36 800
JUN	14 500	DEC	14 800

TOTAL DISCHARGE, 288 000 dam³

JEMSEG RIVER AT JEMSEG - STATION NO. 01AD004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.288	---	---	2.800	2.948	1.887	1.141	1.058	1.472	1.048	1.808	1.850	1
2	1.282	---	---	2.848	2.888	1.858	1.157	1.078	1.418	1.038	1.827	1.808	2
3	1.128	---	---	2.787	2.838	1.847	1.188	1.088	1.388	1.008	1.772	1.883	3
4	1.084	---	---	2.887	2.871	1.814	1.240	1.087	1.278	0.888	1.844	1.818	4
5	1.122	---	---	2.858	2.788	1.488	1.272	1.082	1.238	0.882	1.877	1.727	5
6	1.121	---	---	3.010	2.737	1.428	1.311	1.033	1.188	0.838	1.887	1.848	6
7	1.118	---	---	3.103	2.884	1.434	1.288	1.028	1.184	0.872	1.887	1.883	7
8	1.088	---	---	3.188	2.814	1.408	1.278	1.042	1.128	0.888	1.902	1.827	8
9	1.082	---	---	3.212	2.844	1.388	1.268	1.078	1.088	0.871	1.908	1.481	9
10	1.048	1.134	---	3.188	2.488	1.388	1.263	1.113	1.080	0.884	1.938	1.471	10
11	1.018	1.184	---	3.138	2.438	1.318	1.288	1.128	1.088	0.881	2.023	1.428	11
12	0.882	1.078	---	3.137	2.388	1.288	1.272	1.128	1.048	1.004	2.088	1.377	12
13	0.888	1.138	---	3.137	2.318	1.244	1.272	1.118	1.037	1.013	2.038	1.384	13
14	0.885	1.138	---	3.138	2.287	1.208	1.258	1.184	1.048	0.888	1.871	1.388	14
15	1.018	---	1.038	3.128	2.234	1.181	1.278	1.088	1.033	0.867	1.887	1.384	15
16	1.028	---	1.088	3.138	2.181	1.188	1.284	1.113	0.888	0.888	1.828	1.237	16
17	1.028	---	1.088	3.184	2.188	1.181	1.283	1.118	0.881	0.824	1.818	1.288	17
18	1.038	---	1.124	3.282	2.118	1.088	1.182	1.141	0.828	0.881	1.831	1.247	18
19	1.083	---	1.174	3.242	2.088	1.037	1.128	1.131	0.888	0.888	1.844	1.288	19
20	1.087	---	1.233	3.221	2.037	0.984	1.087	1.130	0.885	0.887	1.832	1.182	20
21	1.178	---	1.281	3.143	1.948	0.883	1.087	1.108	0.858	0.847	1.888	1.183	21
22	1.248	---	1.272	3.080	1.874	0.888	1.038	1.071	0.888	1.030	2.013	1.182	22
23	1.287	---	1.284	2.980	1.783	0.888	1.007	1.031	0.827	1.142	2.081	1.128	23
24	1.327	---	1.218	2.858	1.738	0.832	0.988	1.014	0.888	1.283	2.078	1.117	24
25	1.332	---	1.174	2.812	1.698	0.889	0.970	1.035	0.790	1.373	2.083	1.148	25
26	1.363	---	1.188	2.803	1.633	0.903	0.888	1.138	1.018	1.534	2.042	1.188	26
27	1.373	---	1.383	2.831	1.633	0.828	0.888	1.240	1.040	1.881	1.837	1.121	27
28	1.380	---	1.402	2.852	1.583	0.888	0.881	1.310	1.078	1.748	1.884	1.107	28
29	---	---	2.182	2.853	1.580	1.005	1.008	1.352	1.074	1.778	1.888	1.087	29
30	---		2.303	2.887	1.518	1.078	1.020	1.420	1.080	1.738	1.842	1.020	30
31	---		2.388		1.830		1.047	1.488		1.873		0.888	31
MEAN	---	---	---	3.002	2.203	1.197	1.148	1.128	1.072	1.128	1.827	1.388	MEAN
MAX	---	---	---	3.242	2.888	1.587	1.311	1.488	1.472	1.778	2.083	1.880	MAX
MIN	---	---	---	2.800	1.818	0.888	0.888	1.014	0.888	0.881	1.808	0.888	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 3.242 ON APR 19
MINIMUM DAILY, 0.888 ON SEP 21
MAXIMUM INSTANTANEOUS,
3.263 AT 23:00 AST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 48 46 N
LONG 68 06 58 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KENNEBECASIS RIVER AT APOHAQUI - STATION NO. 01AP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.80B	28.5B	35.5B	80.5	57.0	15.0	5.62	3.62	8.25	2.96	10.6	82.1	1
2	7.70B	32.0B	31.5B	78.1	53.2	14.3	5.85	3.62	5.79	2.92	33.0	61.6	2
3	7.60B	38.5B	28.0B	71.9	48.4	13.4	5.70	3.32	4.89	2.83	57.6	41.4	3
4	7.50B	35.5B	25.5B	74.7	47.7	12.1	4.75	4.29	4.22	2.82	40.9	26.2	4
5	7.40B	33.5B	23.0B	74.9	44.7	11.7	4.64	4.05	6.81	2.57	29.0	26.1	5
6	7.30B	31.0B	20.5B	69.6	41.1	13.6	4.51	3.65	11.0	3.02	24.0	24.9	6
7	7.22B	29.2B	18.5B	63.9	37.7	11.5	4.30	3.43	8.86	3.19	21.5	25.5	7
8	7.10B	27.0B	16.5B	58.7	34.8	10.2	4.20	4.10	5.18	3.10	19.6	22.4	8
9	7.02B	26.0B	18.4B	53.6	32.4	9.15	3.94	4.42	4.38	3.70	16.6	18.7	9
10	6.95B	23.2B	18.0B	56.2	30.1	9.00	3.74	3.99	4.00	6.35	16.0	16.2 B	10
11	6.90B	22.5B	20.6B	55.9	28.7	8.50	3.77	3.54	3.89	6.66	24.4	15.0 B	11
12	6.80B	21.0B	17.0B	54.2	27.8	7.80	3.58	3.24	3.78	7.33	22.4	13.5 B	12
13	6.70B	20.6B	15.0B	48.1	25.7	7.28	3.83	3.12	3.60	6.17	17.3	12.0 B	13
14	6.65B	22.5B	13.7B	45.6	22.4	6.12	3.47	3.28	4.41	5.07	24.4	11.3 B	14
15	6.60B	24.0B	12.2B	41.7	20.1	6.43	3.30	4.13	4.00	4.34	24.2	10.6 B	15
16	6.55B	26.5B	12.0B	43.5	18.5	6.38	3.21	10.2	3.58	3.82	19.1	10.0 B	16
17	6.50B	28.9B	13.6B	51.6	20.[illegible]	6.06	3.27	10.6	3.30	3.57	23.6	9.50B	17
18	6.40B	41.0B	15.4B	54.2	42.6	6.66	3.75	6.65	3.19	3.51	61.6	9.00B	18
19	9.50B	35.0B	14.2B	49.0	28.6	6.49	2.86	5.21	3.80	3.91	39.5	8.50B	19
20	34.0 B	31.2B	13.7B	47.6	22.3	6.02	3.34	4.44	4.01	19.3	28.4	8.00B	20
21	32.0 B	54.0B	13.0B	50.9	19.9	5.73	3.17	4.28	3.69	20.6	51.1	7.70B	21
22	30.0 B	41.5B	12.3B	51.2	17.9	5.66	4.30	5.16	4.21	12.4	58.6	7.30B	22
23	27.3 B	60.0B	11.6B	54.4	18.0	6.31	4.85	4.67	3.94	16.0	38.2	6.90B	23
24	25.0 B	76.0B	11.4B	49.8	14.8	7.76	3.85	4.13	3.48	18.1	26.0B	6.70B	24
25	22.5 B	60.0B	17.0B	61.2	15.5	6.24	5.06	3.91	3.20	20.4	23.3B	6.60B	25
26	28.0 B	53.0B	28.0B	71.9	35.1	6.50	5.42	4.18	3.00	22.6	20.8B	6.70B	26
27	38.5 B	47.0B	178	85.9	28.1	6.64	4.79	4.87	2.89	16.9	20.6B	6.10B	27
28	34.0 B	43.0B	255	56.2	20.0	5.88	4.76	5.40	2.90	16.0	38.6	11.0 B	28
29	30.0 B	39.5B	185	56.6	16.6	5.24	4.60	4.60	3.03	15.1	99.6	12.3 B	29
30	27.2 B		105	63.3	14.5	5.21	4.71	5.78	2.87	14.7	74.5	11.5 B	30
31	24.5 B		83.5		14.6		3.84	14.4		12.3		11.0 B	31
TOTAL	489.10	1 052.6	1 260.6	1 769.6	887.2	251.48	132.44	158.64	132.05	280.28	1 010.7	535.70	TOTAL
MEAN	15.8	36.3	40.7	59.0	28.6	8.38	4.27	5.11	4.40	9.04	33.7	17.3	MEAN
MAX	38.5	76.0	255	80.5	57.0	15.0	5.85	14.4	11.0	22.6	99.6	82.1	MAX
MIN	6.40	20.6	11.4	41.7	14.5	5.21	2.86	3.12	2.87	2.57	10.6	6.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.8
MAXIMUM DAILY, 255 ON MAR 28
MINIMUM DAILY, 2.57 ON OCT 5
MAXIMUM INSTANTANEOUS,
266 AT 08:35 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 07 N
LONG 65 35 05 W
DRAINAGE AREA, 1 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	42 300	JUL	11 400
FEB	91 000	AUG	13 700
MAR	109 000	SEP	11 400
APR	153 000	OCT	24 200
MAY	77 500	NOV	87 300
JUN	21 700	DEC	46 300

TOTAL DISCHARGE, 688 000 dam³

KINNEAR RIVER NEAR HAUTE-ABOUJAGANE - STATION NO. 01BT001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.159B	0.275B	0.360B	4.50B	1.50	0.287	0.601	0.047	0.277	0.055	0.314	1.27	1
2	0.150B	0.315B	0.345B	4.30B	1.20	0.302	1.20	0.032	0.159	0.055	0.666	1.02	2
3	0.145B	0.380B	0.315B	3.90B	1.25	0.326	0.594	0.032	0.150	0.044	1.94	0.733	3
4	0.142B	0.420B	0.285B	4.20B	1.55	0.236	0.318	0.034	0.144	0.049	1.26	0.511B	4
5	0.135B	0.480B	0.272B	2.95B	1.61	0.222	0.170	0.043	0.264	0.222	0.613	0.343B	5
6	0.130B	0.420B	0.252B	2.40B	1.07	0.758	0.073	0.033	0.434	0.904	0.755	0.225	6
7	0.125B	0.380B	0.232B	2.24	0.785	0.593	0.038	0.026	0.218	0.595	0.652	0.215B	7
8	0.122B	0.345B	0.219B	2.55	0.585	0.347	0.038	0.047	0.128	0.385	0.732	0.185B	8
9	0.117B	0.320B	0.200B	4.01	0.450	0.236	0.038	0.045	0.061	0.807	0.578	0.146B	9
10	0.110B	0.280B	0.235B	13.0	0.305	0.181	0.031	0.046	0.045	0.880	0.523	0.105B	10
11	0.106B	0.275B	0.275B	12.3	0.290	0.182	0.029	0.030	0.040	1.07	0.579	0.063	11
12	0.102B	0.260B	0.258B	3.59	0.305	0.136	0.027	0.026	0.040	1.56	0.474	0.042	12
13	0.100B	0.280B	0.235B	1.81	0.310	0.087	0.030	0.024	0.035	0.870	0.351	0.036	13
14	0.095B	0.380B	0.218B	1.48	0.251	0.064	0.027	0.020	0.040	0.538	0.496	0.035	14
15	0.090B	0.420B	0.199B	1.23	0.209	0.058	0.026	0.026	0.036	0.388	0.701	0.039	15
16	0.085B	0.480B	0.190B	1.17	0.177	0.045	0.026	0.367	0.042	0.282	0.516	0.047	16
17	0.084B	0.574B	0.165B	1.40	0.200	0.036	0.023	0.566	0.041	0.222	0.417	0.047	17
18	0.170B	0.450B	0.172B	1.30	0.413	0.051	0.026	0.343	0.040	0.203	0.595	0.040	18
19	0.255B	0.390B	0.170B	1.53	0.855	0.087	0.029	0.187	0.592	0.206	0.547	0.040	19
20	0.340B	0.480B	0.160B	1.61	0.432	0.024	0.028	0.072	0.491	3.51	0.366	0.056	20
21	0.500B	0.520B	0.153B	2.19	0.329	0.028	0.031	0.046	0.302	2.50	1.66	0.057	21
22	0.600B	0.580B	0.150B	3.00	0.266	0.025	0.033	0.193	0.220	1.21	2.59	0.080B	22
23	0.700B	0.580B	0.145B	3.87	0.203	0.028	0.026	0.222	0.179	3.86	1.42	0.045B	23
24	0.530B	0.740B	0.135B	4.53	0.184	0.030	0.033	0.156	0.133	3.29	1.07	0.040B	24
25	0.420B	0.670B	0.300B	4.48	0.200	0.038	0.067	0.066	0.066	2.12	0.914	0.060B	25
26	0.480B	0.620B	2.00 B	5.30	0.679	0.083	0.056	0.070	0.076	1.57	0.420	0.140B	26
27	0.510B	0.540B	8.80 B	4.51	0.562	0.180	0.041	0.083	0.055	0.936	0.359	0.100B	27
28	0.410B	0.480B	12.0 B	3.39	0.348	0.110	0.058	0.083	0.054	0.727	1.02	0.180B	28
29	0.350B	0.420B	6.40 B	2.37	0.238	0.070	0.123	0.084	0.076	0.602	5.10	0.220B	29
30	0.320B		5.00 B	2.22	0.161	0.047	0.130	0.302	0.074	0.611	3.00	0.215B	30
31	0.295B		4.35 B		0.206		0.070	0.641		0.416		0.200B	31
TOTAL	7.883	12.784	47.240	107.84	17.388	4.888	4.056	3.921	4.650	30.555	32.340	6.624	TOTAL
MEAN	0.254	0.441	1.52	3.59	0.561	0.157	0.131	0.126	0.152	0.986	1.08	0.214	MEAN
MAX	0.700	0.740	12.0	13.0	1.65	0.758	1.20	0.566	0.592	3.86	5.10	1.27	MAX
MIN	0.084	0.260	0.135	1.17	0.184	0.025	0.023	0.020	0.035	0.044	0.314	0.035	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.766
MAXIMUM DAILY, 13.0 ON APR 10
MINIMUM DAILY, 0.020 ON AUG 14
MAXIMUM INSTANTANEOUS,
17.1 AT 05:30 AST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 09 10 N
LONG 64 22 05 W
DRAINAGE AREA, 32.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	679	JUL	350
FEB	1 100	AUG	339
MAR	4 080	SEP	393
APR	9 300	OCT	2 640
MAY	1 500	NOV	2 790
JUN	422	DEC	572

TOTAL DISCHARGE, 24 300 dam³

NEW BRUNSWICK

KOUCHIBOUGUAC RIVER NEAR VAUTOUR - STATION NO. 01BR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.25 B	1.180	2.880	16.2	11.3	2.88	2.00	0.585	1.01	0.810	2.75	9.08	1
2	1.25 B	1.260	2.590	17.3	8.67	3.18	2.28	0.470	0.884	0.471	8.36	8.86	2
3	1.22 B	1.020	2.450	14.0	6.51	2.88	1.88	0.459	1.84	0.494	10.1	8.62	3
4	1.20 B	1.000	3.360	10.8	6.30	2.55	1.55	0.540	1.81	0.488	7.33	4.01	4
5	1.16 B	2.130	2.280	16.7	7.60	2.62	1.23	0.737	1.80	0.555	5.83	3.88	5
6	1.14 B	1.060	2.120	12.3	6.75	3.36	1.03	0.783	1.78	0.834	4.98	3.02	6
7	1.12 B	1.880	2.020	10.2	5.90	2.85	0.884	0.883	1.38	0.827	5.17	3.47	7
8	1.08 B	1.730	1.930	8.59	5.30	2.28	0.697	1.28	1.05	0.732	5.81	3.14	8
9	1.05 B	1.630	1.620	10.6	4.82	2.07	0.808	1.35	0.918	1.04	5.00	2.81	9
10	1.02 B	1.520	1.780	22.1	4.38	1.87	0.751	0.947	0.883	2.01	4.68	2.12	10
11	1.01 B	1.420	1.700	21.7	4.07	1.74	0.800	0.884	0.893	1.81	5.49	2.04	11
12	0.8908	1.350	1.630	14.7	5.06	1.60	1.21	0.671	0.848	1.88	5.01	1.818	12
13	0.8768	1.500	1.550	11.3	4.58	1.44	1.78	0.527	0.710	1.85	4.02	1.648	13
14	0.8498	1.800	1.500	10.1	4.22	1.48	1.25	0.637	0.851	1.40	4.18	1.788	14
15	0.8208	2.130	1.420	9.44	3.80	1.71	0.898	0.850	0.909	1.17	4.08	1.73	15
16	0.8008	1.850	1.360	9.13	3.26	1.48	0.878	2.08	0.882	1.07	3.53	1.638	16
17	0.8808	1.650	1.260	11.8	3.32	1.42	0.821	2.27	0.885	0.943	3.48	1.888	17
18	0.8808	1.700	1.410	13.5	4.87	1.65	0.778	1.82	0.842	0.898	8.20	1.848	18
19	2.00 B	1.800	1.310	12.9	4.72	1.42	0.770	1.31	0.876	0.837	4.22	1.488	19
20	3.68 B	1.620	1.260	12.4	4.05	1.19	1.37	0.852	0.709	2.36	3.88	1.448	20
21	3.50 B	2.008	1.220	12.2	3.68	1.12	1.10	0.814	0.840	3.33	3.388	1.378	21
22	3.30 B	2.258	1.188	12.5	3.18	1.07	0.833	0.768	0.784	2.88	3.248	1.318	22
23	2.90 B	2.508	1.128	14.6	2.86	1.10	0.848	0.726	0.732	8.08	3.178	1.278	23
24	2.60 B	2.898	1.068	15.1	3.40	1.10	0.736	0.851	0.668	7.80	3.088	1.228	24
25	2.38 B	3.408	1.228	13.8	3.22	0.988	0.728	0.821	0.630	8.71	2.888	1.198	25
26	2.46 B	3.288	1.808	14.1	8.41	1.28	0.713	2.02	0.648	8.18	2.848	1.188	26
27	2.70 B	3.108	8.008	12.4	8.16	1.30	0.888	2.07	0.670	5.76	2.738	1.138	27
28	2.50 B	2.958	21.0 B	10.7	3.88	1.18	0.817	1.48	0.534	4.44	4.43	1.108	28
29	1.90 B	2.828	18.9 B	10.8	3.37	1.01	0.750	1.21	0.631	4.17	18.8	1.088	29
30	1.40 B		17.8 B	14.3	3.00	1.82	0.880	1.25	0.510	3.84	13.1	1.068	30
31	1.22 B		18.2 B		2.81		0.818	1.26		3.31		1.028	31
TOTAL	51.314	59.20	123.89	404.76	184.88	53.528	32.898	32.884	28.717	82.195	158.05	74.37	TOTAL
MEAN	1.66	2.04	4.00	13.5	5.90	1.78	1.06	1.06	0.857	2.65	5.27	2.40	MEAN
MAX	3.68	3.40	21.0	22.1	11.3	3.34	2.28	2.27	1.78	8.71	18.8	9.08	MAX
MIN	0.880	1.18	1.06	9.13	2.80	0.988	0.818	0.459	0.510	0.465	3.73	1.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.42
MAXIMUM DAILY, 23.1 ON APR 10
MINIMUM DAILY, 0.459 ON AUG 3
MAXIMUM INSTANTANEOUS,
28.1 AT 21:55 AST ON APR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 35 N
LONG 65 13 17 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 430	JUL	2 820
FEB	5 110	AUG	2 830
MAR	10 700	SEP	2 220
APR	35 000	OCT	7 100
MAY	13 400	NOV	13 700
JUN	4 620	DEC	6 420

TOTAL DISCHARGE, 106 000 dam³

LAKE UTOPIA AT CANAL - STATION NO. 01AQ000

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	--	17.882	17.081	16.906	17.707	17.148	17.881	18.142	1
2	---	---	---	---	---	17.883	17.100	16.886	17.731	17.096	17.820	18.144	2
3	---	---	---	---	---	17.901	17.113	16.873	17.886	17.054	18.218	18.101	3
4	---	---	---	---	---	17.898	17.120	16.886	17.818	17.003	18.383	18.037	4
5	---	---	---	---	---	17.398	17.123	16.833	17.870	16.941	18.377	17.980	5
6	---	---	---	---	---	17.230	17.122	16.814	17.856	16.898	18.258	17.882	6
7	---	---	---	---	---	17.101	17.118	16.781	17.823	16.848	18.101	17.817	7
8	---	---	---	---	---	17.106	17.100	16.768	17.448	16.780	18.020	17.783	8
9	---	---	---	---	---	17.106	17.088	16.778	17.373	16.761	17.961	17.708	9
10	---	---	---	---	---	17.111	17.078	16.788	17.388	16.728	17.882	17.837	10
11	---	---	---	---	---	17.088	17.087	16.728	17.332	16.728	17.848	17.848	11
12	---	---	---	---	---	17.061	17.082	16.713	17.287	16.768	17.858	17.485	12
13	---	---	---	---	---	17.093	17.113	16.888	17.262	16.804	17.884	17.418	13
14	---	---	---	---	---	18.978	17.108	16.880	17.223	16.820	17.818	17.401	14
15	---	---	---	---	---	18.951	17.088	16.868	17.188	16.813	17.820	---	15
16	---	---	---	---	---	18.938	17.088	16.871	17.183	16.786	17.930	---	16
17	---	---	---	---	---	18.951	17.067	16.714	17.188	16.810	17.928	---	17
18	---	---	---	---	---	18.988	17.012	16.738	17.200	16.887	17.881	---	18
19	---	---	---	---	---	18.971	16.980	16.744	17.223	16.880	18.021	---	19
20	---	---	---	---	17.910	18.978	16.950	16.737	17.242	17.104	18.028	---	20
21	---	---	---	---	17.906	18.980	16.814	16.721	17.281	17.228	18.038	---	21
22	---	---	---	---	17.888	18.983	16.888	16.721	17.305	17.258	18.133	---	22
23	---	---	---	---	17.896	18.982	16.900	16.707	17.348	17.322	18.188	---	23
24	---	---	---	---	17.893	17.000	16.906	16.698	17.374	17.461	18.147	---	24
25	---	---	---	---	17.884	16.988	16.938	16.711	17.372	17.718	18.023	---	25
26	---	---	---	---	17.878	17.007	16.943	16.947	17.388	17.877	17.889	---	26
27	---	---	---	---	17.874	17.013	16.942	17.218	17.320	18.114	17.914	---	27
28	---	---	---	---	17.886	17.008	16.934	17.350	17.295	18.118	17.882	---	28
29	---	---	---	---	17.896	17.006	16.933	17.381	17.235	18.087	17.944	---	29
30	---		---	---	17.899	17.053	16.938	17.494	17.198	17.982	18.087	---	30
31	---		---		17.733		16.918	17.583		17.868		---	31
MEAN	---	---	---	---	---	17.113	17.023	16.867	17.388	17.184	18.021	---	MEAN
MAX	---	---	---	---	---	17.882	17.123	17.583	17.731	18.118	18.383	---	MAX
MIN	---	---	---	---	---	18.938	16.898	16.880	17.188	16.728	17.848	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 16.880 ON AUG 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 08 37 N
LONG 66 48 40 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEPREAU RIVER AT LEPREAU - STATION NO. 01AG0(

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.42B	4.70B	7.10B	22.7	10.6	5.57	5.72	1.64	10.4	2.69	5.43	13.1	1
2	2.36B	5.80B	8.60B	21.3	15.4	4.65	3.84	1.22	8.04	2.66	25.4	10.8	2
3	2.28B	6.70B	8.10B	19.7	13.2	4.07	2.95	1.10	6.44	2.66	36.5	9.40	3
4	2.20B	6.20B	8.70B	16.6	11.0	3.68	1.87 A	1.01	5.81	2.42	34.6	8.38	4
5	2.13B	6.00B	9.20B	16.0	9.18	3.34	1.82 E	0.933	15.7	2.29	19.0	7.16	5
6	2.05B	5.90B	4.60B	16.6	7.57	2.85	1.36 E	0.830	16.6	2.34	15.7	6.44	6
7	1.98B	5.10B	4.40B	16.4	7.29	2.70	1.14 E	0.880	10.4	2.21	13.5	5.92B	7
8	1.93B	4.70B	4.10B	14.9	6.66	2.62	0.970E	1.06	7.59	1.94	12.0	5.44B	8
9	1.88B	4.35B	3.80B	13.5	6.04	1.99	0.900E	1.10	8.12	2.29	10.3	4.83B	9
10	1.82B	4.08B	4.60B	13.1	5.29	1.89	1.20 E	0.883A	5.75	3.06	8.01	4.44B	10
11	1.78B	3.80B	5.20B	12.6	4.94	1.68	7.60 E	0.800E	5.13	3.78	10.9	4.11B	11
12	1.74B	3.55B	4.80B	10.9	6.43	1.70	8.30 E	0.850E	4.43	4.48	11.4	3.79B	12
13	1.70B	4.00B	4.10B	9.24	6.37	1.88	8.80 E	0.580E	3.98	3.48	9.05	3.38B	13
14	2.00B	6.00B	3.80B	8.00	5.28	1.55	8.80 E	0.620E	4.36	3.48	18.1	3.08B	14
15	2.65B	8.00B	3.80B	7.32	4.66	1.39	1.42 A	1.00 E	4.13	3.11	16.8	2.96B	15
16	3.42B	10.6 B	3.25B	7.35	3.87	1.33	1.24	8.00 E	3.63	2.75	12.4	2.80B	16
17	2.25B	12.0 B	3.00B	10.3	4.43	1.32	1.12	8.80 E	3.13	2.82	13.5	2.62B	17
18	2.03B	8.40B	2.65B	10.6	5.64	1.28	1.03	3.30 E	3.38	2.45	24.2	2.45B	18
19	4.60B	6.21B	3.10B	11.8	5.26	1.25	0.954	1.45 A	8.66	2.84	17.7	2.38B	19
20	9.00B	10.0 B	3.30B	10.8	4.81	1.14	0.852	1.17	5.72	5.80	13.4	2.18B	20
21	7.60B	10.2 B	3.05B	8.28	4.12	1.08	0.831	1.07	5.24	8.07	22.8	2.02B	21
22	8.03B	17.8 B	2.90B	8.03	3.86	0.986	1.24	0.885	8.74	8.36	22.7	1.88B	22
23	5.80B	15.0 B	2.75B	7.36	3.80	1.13	1.84	0.710	7.45	10.8	16.8	1.80B	23
24	4.60B	13.5 B	2.80B	8.84	3.37	1.28	2.68	0.639	5.88	10.8	13.4	1.77B	24
25	4.28B	13.6 B	3.50B	27.9	3.47	1.14	4.71	0.881	4.80	14.8	9.65	3.54B	25
26	5.40B	11.0 B	5.60B	28.8	10.2	1.19	6.11	18.8	4.00	18.8	12.1	2.38B	26
27	6.40B	8.80B	8.00B	23.7	10.4	1.28	3.21	17.2	3.73	15.0	8.87	1.98B	27
28	7.60B	8.60B	31.2 B	18.8	7.28	1.08	2.48	11.7	3.58	12.5	11.0	2.38B	28
29	8.80B	7.90B	27.0 B	20.1	5.88	1.04	2.00	9.18	3.80	12.9	24.0	2.90B	29
30	8.80B		24.6 B	23.6	4.88	4.88	1.77	12.2	3.14	12.1	17.4	3.22B	30
31	9.28B		24.0		4.88		1.59	14.0		9.77		2.85B	31
TOTAL	118.35	240.89	225.40	447.85	214.18	82.875	81.837	130.180	166.80	191.88	478.01	131.48	TOTAL
MEAN	3.85	8.31	7.27	14.8	6.81	2.09	2.84	3.88	8.23	6.19	15.8	4.24	MEAN
MAX	9.00	18.2	31.2	28.8	18.8	5.57	7.60	17.2	18.8	18.8	36.8	13.1	MAX
MIN	1.70	3.85	2.80	8.84	3.37	0.986	0.831	0.880	3.13	1.84	8.43	1.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.83
MAXIMUM DAILY, 36.8 ON NOV 3
MINIMUM DAILY, 0.830E ON AUG 13
MAXIMUM INSTANTANEOUS,
44.8 AT 23:47 AST ON NOV 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 12 N
LONG 66 26 00 W
DRAINAGE AREA, 239 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 300	JUL	7 080
FEB	20 800	AUG	10 400
MAR	19 500	SEP	16 100
APR	38 700	OCT	16 500
MAY	18 500	NOV	41 300
JUN	6 420	DEC	11 400

TOTAL DISCHARGE, 218 000 dam³

LIMESTONE STREAM AT FOUR FALLS - STATION NO. 01AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	1.08 B	0.700B	14.8	5.42	1.88	1.41	0.810	1.28	0.884	2.18	7.00E	1
2	1.26 B	1.16 B	0.638B	17.5	5.24	1.77	1.40	0.828	1.12	0.801	2.80	6.10E	2
3	1.18 B	1.30 B	0.620B	20.6	4.81	1.67	1.38	0.588	0.934	0.808	3.08	5.80E	3
4	1.13 B	1.48 B	0.600B	26.6	4.83	1.47	1.35	0.707	0.888	0.828	2.82	5.20E	4
5	1.07 B	1.37 B	0.585B	28.9	3.83	1.42	1.22	0.848	1.08	0.787	2.74	4.83A	5
6	1.03 B	1.30 B	0.570B	28.1	3.73	1.34	1.20	0.877	1.28	0.839	3.46	5.33B	6
7	1.00 B	1.18 B	0.555B	23.6	3.31	1.30	1.08	2.16	1.44	0.782	3.80	4.89B	7
8	0.870B	1.02 B	0.640B	22.0	3.14	1.18	1.02	3.13	1.38	0.712	3.13	4.75B	8
9	0.830B	0.840B	0.638B	20.3	3.08	1.08	1.08	3.13	1.16	0.810	3.08	4.38B	9
10	0.800B	0.840B	0.580B	19.3	2.77	0.988	0.988	2.84	1.02	0.847	3.38	3.90B	10
11	0.870B	0.780B	0.580B	18.3	2.65	0.870	0.888	2.02	1.01	0.884	3.81	3.80B	11
12	0.880B	0.880B	0.600B	18.8	3.34	0.888	0.863	1.68	1.03	0.812	3.83	3.40B	12
13	0.880B	0.700B	0.640B	13.1	2.89	0.848	0.844	1.28	0.878	0.888	3.13	3.18B	13
14	0.870B	0.800B	0.525B	11.8	2.77	0.887	0.854	1.16	0.858	0.888	3.11	2.95B	14
15	0.880B	0.880B	0.585B	10.1	2.82	1.33	0.887	1.28	0.810	0.848	3.24	3.00B	15
16	0.850B	0.800B	0.610B	9.28	2.58	1.38	0.873	1.19	0.778	0.827	3.11	2.88B	16
17	0.840B	0.880B	0.520B	8.82	2.87	1.43	0.871	1.04	0.726	0.801	2.80	2.90B	17
18	0.880B	0.780B	0.580B	8.87	2.80	1.42	0.787	1.04	0.767	0.823	2.88	2.38B	18
19	1.20 B	0.740B	0.580B	10.6	2.37	1.18	0.838	1.32	0.806	1.08	2.85	2.28B	19
20	2.40 B	0.800B	0.580B	8.67	2.33	1.17	1.28	1.30	1.03	1.15	2.81B	2.18B	20
21	2.18 B	0.860B	0.840B	8.07	2.26	1.18	1.29	0.886	0.888	1.13	3.30B	2.12B	21
22	1.80 B	0.770B	0.520B	7.47	2.04	0.884	1.26	0.877	0.869	0.862	3.00B	2.04B	22
23	1.67 B	0.880B	0.580B	7.31	1.91	0.828	1.11	0.787	0.854	1.17	2.40B	2.00B	23
24	1.80 B	0.730B	0.580B	8.78	1.86	0.878	0.947	0.770	0.862	1.36	2.18B	2.28B	24
25	1.34 B	0.700B	0.640B	8.88	1.82	0.782	0.900	0.842	0.827	2.71	2.00B	2.30B	25
26	1.40 B	0.780B	1.60 B	8.72	2.26	1.10	0.818	1.73	0.881	3.38	2.10B	1.98B	26
27	1.61 B	0.710B	3.60 B	8.24	2.18	1.16	0.784	1.83	0.813	2.81	2.09B	1.80B	27
28	1.37 B	0.880B	18.6 B	8.84	2.23	1.03	0.724	1.88	0.748	2.70	3.40B	2.17B	28
29	1.20 B	0.880B	14.0 B	8.81	1.86	1.00	0.882	1.76	0.838	2.46	5.00E	2.04B	28
30	1.10 B		12.6 B	8.38	1.73	1.18	0.843	1.84	0.818	2.36	6.00E	1.88B	30
31	1.08 B		13.1		1.88		0.848	1.47		2.33		1.77B	31
TOTAL	37.480	28.230	78.083	406.83	88.86	35.770	30.988	44.885	28.170	41.185	92.84	102.38	TOTAL
MEAN	1.21	0.904	2.52	13.8	2.87	1.18	0.988	1.44	0.872	1.33	3.08	3.30	MEAN
MAX	2.40	1.48	18.6	28.8	5.42	1.77	1.41	3.13	1.44	3.38	8.00	7.00	MAX
MIN	0.840	0.880	0.585	8.38	1.88	0.782	0.843	0.888	0.726	0.712	2.80	1.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 28.8 ON APR 5
MINIMUM DAILY, 0.585B ON MAR 15
MAXIMUM INSTANTANEOUS,
32.1 AT 05:48 AST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 46 42 N
LONG 67 44 35 W
DRAINAGE AREA, 199 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 240	JUL	2 880
FEB	2 270	AUG	3 850
MAR	6 750	SEP	2 520
APR	35 000	OCT	3 550
MAY	7 880	NOV	6 000
JUN	3 090	DEC	8 850

TOTAL DISCHARGE, 87 800 dam³

REMARKS - PUBLISHED UNDER THE NAME "LIMESTONE RIVER AT FOUR FALLS" TO 1985

NEW BRUNSWICK

LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON - STATION NO. 01BP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0 B	8.008	7.608	66.0B	73.7	31.8	24.8	8.84	18.3	11.4	29.2	28.8	1
2	12.7 B	8.808	7.708	62.0B	67.3	29.4	22.4	7.78	18.1	11.4	84.8	34.7	2
3	13.3 B	8.608	7.808	60.0B	63.0	27.8	20.8	8.87	19.8	11.4	134	31.3	3
4	12.0 B	8.408	7.408	112 B	61.8	26.7	18.8	7.78	21.8	11.8	83.4	28.2	4
5	11.7 B	8.208	7.308	132 B	74.8	24.0	17.8	11.0	21.0	11.0	63.8	26.0B	5
6	11.3 B	8.108	7.208	118 B	89.6	22.0	16.7	11.8	24.8	11.3	58.1	22.0B	6
7	10.8 B	7.908	7.108	102 B	108	20.8	14.8	11.4	30.8	11.8	83.4	34.0B	7
8	10.7 B	7.808	7.008	92.0B	102	18.8	13.9	38.3	17.8	11.3	58.7	37.0B	8
9	10.3 B	7.808	7.808	84.0B	92.0	16.8	13.3	30.8	16.7	11.3	53.8	33.8B	9
10	10.0 B	7.508	7.608	82.0A	84.2	18.0	13.1	22.8	14.4	13.8	47.3	31.0B	10
11	9.808	7.308	7.708	83.8	78.8	17.2	20.8	18.8	13.8	15.1	53.0	18.4B	11
12	9.708	7.208	7.808	78.0	83.2	16.8E	22.2	16.8	13.3	16.4	53.5	18.0B	12
13	10.0 B	7.808	7.508	81.8	88.3	16.2A	17.8	13.8	12.8	18.4	43.3	18.7B	13
14	8.808	8.508	7.458	85.5	77.2	15.8	15.5	12.8	13.4	15.8	41.5	18.2B	14
15	8.628	8.108	7.408	82.7	68.2	18.8	14.8	13.2	13.8	14.8	41.3	17.7B	15
16	8.408	7.808	7.358	82.5	81.0	18.4	13.8	28.7	13.2	13.8	39.2	17.3B	16
17	8.158	7.708	7.308	83.8	88.4	16.8	13.0	40.3	12.4	12.8	38.3	16.8B	17
18	8.008	7.608	7.258	88.3	85.4	20.2	12.0	30.3	12.2	12.8	38.8	16.1B	18
19	8.508	8.678	7.208	88.8	81.0	20.3	11.4	23.8	16.8	13.1	36.4	15.8B	19
20	10.2 B	8.208	7.168	88.8	48.2	17.7	17.1	18.4	18.3	18.0	29.7	15.0B	20
21	8.808	8.008	7.108	60.2	43.8	15.8	18.1	18.8	18.7	17.2	26.8B	15.8B	21
22	8.808	8.808	7.008	53.2	38.8	18.1	15.8	18.3	17.8	16.3	23.2B	15.0B	22
23	8.308	8.708	8.808	48.8	36.7	15.0	13.8	14.8	18.2	28.8	20.8B	14.7B	23
24	8.108	8.908	8.808	81.1	34.4	14.0	12.3	13.8	18.8	38.7	18.8B	14.3B	24
25	8.808	8.458	8.348	80.2	31.9	13.2	11.8	13.8	14.8	81.4	18.8B	14.0B	25
26	8.708	8.308	7.208	48.4	42.7	14.8	10.8	22.0	13.8	78.8	17.0B	13.8B	26
27	8.508	8.158	11.2 B	80.5	48.1	18.4	10.2	31.0	13.8	57.0	17.0B	13.8B	27
28	8.408	8.008	14.0 B	83.8	41.0	17.2	11.1	23.7	12.4	44.8	26.2B	13.4B	28
29	8.208	7.908	20.0 B	85.2	36.4	15.2	11.4	20.1	12.4	40.2	81.3	13.2B	29
30	8.108		26.0 B	82.6	31.1	23.6	10.4	20.4	12.2	37.8	48.2	13.1B	30
31	8.008		40.0 B		30.1		9.78	18.1		33.4		13.0B	31
TOTAL	307.87	238.87	302.14	2 188.4	1 885.0	581.5	466.08	586.82	473.7	730.7	1 338.8	813.6	TOTAL
MEAN	9.83	8.23	8.75	72.9	61.1	19.4	15.1	18.9	15.8	23.2	44.7	19.8	MEAN
MAX	13.0	9.57	40.0	132	108	31.8	24.8	40.3	24.8	78.8	134	34.8	MAX
MIN	8.00	7.20	8.80	48.4	30.1	13.2	9.78	8.87	12.2	11.0	17.0	13.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.5
MAXIMUM DAILY, 1328 ON APR 5
MINIMUM DAILY, 8.800 ON MAR 24
MAXIMUM INSTANTANEOUS,
183 AT 00:21 AST ON NOV 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 08 N
LONG 65 54 26 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 500	JUL	40 500
FEB	20 500	AUG	50 700
MAR	26 100	SEP	40 [illegible]
APR	188 000	OCT	82 200
MAY	184 000	NOV	116 000
JUN	80 200	DEC	53 000

TOTAL DISCHARGE, 840 000 dam³

MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC - STATION NO. 01AG007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116.858	116.818	116.152	116.376	116.346	116.676	116.574	116.520	116.512	116.070	116.087	116.888	1
2	116.886	116.817	116.126	116.406	116.377	116.660	116.575	116.512	116.501	116.041	116.161	116.893	2
3	116.883	116.812	116.102	116.434	116.401	116.673	116.576	116.508	116.508	116.046	116.213	116.895	3
4	116.870	116.808	116.080	116.452	116.415	116.678	116.576	116.518	116.483	116.036	116.274	116.893	4
5	116.873	116.834	116.060	116.473	116.436	116.674	116.573	116.526	116.467	116.017	116.329	116.894	5
6	116.866	116.830	116.038	116.482	116.443	116.675	116.570	116.520	116.463	116.008	116.371	116.888	6
7	116.868	116.819	116.013	116.484	116.474	116.672	116.563	116.507	116.467	116.886	116.400	116.894	7
8	116.874	116.810	116.988	116.486	116.486	116.668	116.537	116.510	116.476	116.873	116.433	116.892	8
9	116.883	116.801	116.968	116.469	116.487	116.660	116.533	116.517	116.484	116.862	116.468	116.880	9
10	116.884	116.895	116.962	116.429	116.488	116.651	116.578	116.508	116.471	116.832	116.492	116.883	10
11	116.880	116.888	116.936	116.424	116.488	116.648	116.577	116.505	116.480	116.847	116.505	116.852	11
12	116.873	116.884	116.913	116.418	116.617	116.642	116.584	116.501	116.447	116.827	116.527	116.841	12
13	116.878	116.895	116.948	116.386	116.512	116.648	116.580	116.486	116.413	116.827	116.548	116.834	13
14	116.876	116.892	116.938	116.368	116.537	116.637	116.556	116.487	116.413	116.885	116.577	116.822	14
15	116.878	116.878	116.921	116.320	116.529	116.636	116.568	116.487	116.392	116.908	116.598	116.810	15
16	116.873	116.840	116.901	116.294	116.524	116.632	116.557	116.487	116.380	116.907	116.610	116.802	16
17	116.872	116.487	116.858	116.276	116.550	116.633	116.555	116.488	116.332	116.901	116.626	116.787	17
18	116.878	116.442	116.884	116.240	116.562	116.633	116.558	116.484	116.316	116.901	116.665	116.781	18
19	116.888	116.402	116.886	116.232	116.572	116.626	116.586	116.487	116.310	116.907	116.686	116.765	19
20	116.897	116.373	116.808	116.201	116.584	116.604	116.584	116.453	116.280	116.907	116.697	116.760	20
21	116.906	116.348	116.786	116.174	116.579	116.622	116.547	116.453	116.271	116.910	116.782	116.772	21
22	116.911	116.318	116.776	116.154	116.601	116.637	116.545	116.447	116.263	116.882	116.783	116.768	22
23	116.911	116.287	116.776	116.121	116.608	116.615	116.536	116.436	116.238	116.908	116.796	116.766	23
24	116.916	116.278	116.788	116.100	116.608	116.608	116.534	116.422	116.214	116.918	116.817	116.752	24
25	116.881	116.287	116.788	116.123	116.617	116.590	116.533	116.407	116.204	116.947	116.829	116.764	25
26	116.901	116.229	116.786	116.167	116.622	116.582	116.533	116.427	116.183	116.884	116.832	116.765	26
27	116.908	116.217	116.828	116.184	116.634	116.588	116.533	116.451	116.163	116.908	116.835	116.762	27
28	116.903	116.183	116.890	116.221	116.660	116.572	116.532	116.454	116.127	116.933	116.843	116.743	28
29	116.901	116.177	116.154	116.253	116.660	116.573	116.531	116.460	116.121	116.970	116.877	116.761	29
30	116.907		116.288	116.298	116.664	116.570	116.523	116.467	116.087	116.988	116.884	116.780	30
31	116.912		116.328		116.668		116.521	116.505		116.993		116.784	31
MEAN	116.888	116.471	116.957	116.314	116.537	116.632	116.554	116.483	116.349	116.969	116.582	116.817	MEAN
MAX	116.916	116.834	116.328	116.484	116.668	116.660	116.584	116.526	116.512	116.993	116.884	116.898	MAX
MIN	116.858	116.177	116.776	116.100	116.346	116.570	116.521	116.407	116.087	116.892	116.087	116.743	MIN

WATER LEVELS IN METRES

MEAN, 116.637
MAXIMUM DAILY, 116.898 ON DEC 8
MINIMUM DAILY, 116.776 ON MAR 23
MAXIMUM INSTANTANEOUS,
116.887 AT 13:43 AST ON DEC 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 43 44 N
LONG 67 11 08 W

REGULATED SINCE 1976

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGAGUADAVIC RIVER AT ELMCROFT - STATION NO. 01AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.5 B	15.6B	30.0B	135	84.0	21.8	7.80	4.48	47.1	13.6	24.3	58.8	1
2	11.2 B	17.5B	26.5B	130	86.3	19.7	8.26	4.08	32.0	13.1	50.0	58.2	2
3	10.8 B	18.5B	37.0B	123	87.1	17.4	8.48	3.80	23.5	12.6	113	46.2	3
4	10.6 B	21.0B	35.5B	120	48.8	15.4	7.76	4.03	18.5	12.2	100	42.8	4
5	10.4 B	19.0B	24.3B	116	37.8	14.4	7.12	4.42	20.6	11.8	73.0	34.0 B	5
6	10.2 B	16.0B	23.0B	110	28.8	13.1	6.81	4.22	28.2	11.4	58.1	28.0 B	6
7	10.0 B	16.6B	22.0B	101	25.8	12.0	6.80	4.03	21.8	11.6	48.2	25.0 B	7
8	9.60B	15.2B	21.0B	93.5	23.1	10.8	6.54	4.01	17.6	11.2	42.8	22.5 B	8
9	9.50B	14.5B	19.3B	86.9	20.6	10.2	6.11	4.01	14.8	11.6	37.6	20.5 B	9
10	9.30B	13.9B	22.1B	83.1	18.7	9.83	6.36	5.15	12.6	16.1	33.6	19.0 B	10
11	9.10B	13.2B	20.5B	84.9	17.8	8.81	6.51	4.78	11.5	18.4	38.5	17.6 B	11
12	9.00B	13.0B	20.6B	80.6	16.4	7.83	6.40	4.26	10.1	24.6	48.2	16.5 B	12
13	10.2 B	27.0B	19.4B	73.2	21.6	8.07	7.06	3.87	9.03	23.6	41.1	15.5 B	13
14	10.0 B	37.0B	16.5B	65.5	18.7	10.4	4.83	3.83	14.5	20.6	41.7	14.5 B	14
15	9.70B	46.0B	17.2B	59.4	17.2	9.86	3.58	4.88	17.1	18.2	43.6	13.5 B	15
16	9.80B	52.0B	17.0B	57.3	15.9	9.14	3.33	14.2	20.2	16.4	37.8	12.5 B	16
17	9.60B	54.2B	16.7B	53.6	16.9	8.68	3.13	18.2	18.2	14.8	36.1	11.5 B	17
18	12.2 B	42.3B	15.8B	57.9	70.3	8.07	3.08	11.8	16.6	13.9	53.1	10.8 B	18
19	16.0 B	35.0B	17.5B	57.1	53.0	7.48	2.95	8.80	20.3	14.5	55.2	10.2 B	19
20	24.0 B	30.0B	15.0B	52.3	46.8	7.08	2.98	7.18	20.5	20.1	45.2	9.80B	20
21	21.2 B	70.0B	15.2B	55.0	33.6	6.83	2.80	8.98	20.6	26.0	80.0	9.20B	21
22	18.4 B	83.2B	15.8B	46.2	27.6	6.49	3.27	7.16	28.3	26.6	86.6	8.80B	22
23	18.2 B	89.0B	15.5B	43.8	23.6	6.41	3.80	6.81	28.6	38.3	76.6	8.40B	23
24	17.2 B	47.0B	15.2B	41.6	20.6	6.29	4.31	6.56	24.8	51.6	57.6	8.40B	24
25	16.0 B	42.5B	15.0B	84.7	20.6	6.83	5.24	7.56	21.4	76.6	51.5B	9.80B	25
26	16.6 B	38.0B	30.0B	105	33.7	5.77	5.81	44.0	18.7	83.3	46.5B	9.10B	26
27	20.0 B	35.5B	70.0B	88.6	30.2	5.67	5.80	44.3	16.8	74.1	42.8B	8.60B	27
28	16.0 B	34.0B	210 B	73.6	32.7	5.38	5.43	35.6	16.0	60.6	38.1	8.30B	28
29	16.5 B	32.3B	205	66.2	25.8	5.50	5.58	25.6	15.1	48.4	84.3	11.2 B	29
30	15.2 B		175	59.6	21.1	7.35	5.43	40.7	14.3	34.3	74.4	11.0 B	30
31	14.3 B		145		19.8		5.15	61.8		28.6		10.0 B	31
TOTAL	417.80	859.4	1 344.1	2 482.9	1 022.3	281.74	186.31	408.97	501.13	881.7	1 820.1	809.10	TOTAL
MEAN	13.5	33.1	43.4	82.8	33.0	9.72	6.26	13.2	20.0	27.5	84.0	19.3	MEAN
MAX	24.0	70.0	210	135	84.0	21.8	8.48	61.8	47.1	83.3	113	58.8	MAX
MIN	9.00	13.0	15.0	41.6	15.8	6.39	2.80	3.80	9.03	11.2	24.3	8.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.4
MAXIMUM DAILY, 210B ON MAR 25
MINIMUM DAILY, 2.80 ON JUL 21
MAXIMUM INSTANTANEOUS,
246 AT 14:00 AST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 24 N
LONG 66 46 24 W
DRAINAGE AREA, 1 420 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	36 100	JUL	14 400
FEB	82 800	AUG	36 400
MAR	116 000	SEP	61 900
APR	216 000	OCT	73 600
MAY	88 300	NOV	140 000
JUN	25 200	DEC	61 800

TOTAL DISCHARGE, 831 000 dam³

MANDZIEKEL RIVER NEAR CAMPBELL RIVER - STATION NO. 01AM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.92 B	1.08 B	0.710B	2.60B	10.4	2.46	1.48	0.842	0.424	0.428	1.88	2.00 B	1
2	1.47 B	1.03 B	0.695B	2.60B	9.78	3.30	1.42	0.814	0.406	0.414	1.67	2.80 B	2
3	1.40 B	1.00 B	0.680B	4.80B	8.27	2.90	1.40	0.668	0.388	0.818	2.38	2.05 B	3
4	1.34 B	0.870B	0.665B	9.00B	8.83	2.67	1.72	0.894	0.540	0.898	2.28	1.78 B	4
5	1.31 B	0.840B	0.650B	14.0 B	9.38	2.47	1.43	0.812	0.471	0.804	1.97	1.82 B	5
6	1.28 B	0.810B	0.635B	20.4	9.80	2.31	1.32	0.681	0.527	0.487	1.83	1.80 B	6
7	1.26 B	0.890B	0.620B	18.1	9.70	2.25	1.18	1.14	0.483	0.598	1.82	1.38 B	7
8	1.22 B	0.870B	0.810B	13.8	9.17	2.11	1.13	1.23	0.448	0.841	2.18	1.30 B	8
9	1.20 B	0.850B	0.800B	13.5	8.31	1.95	1.11	1.06	0.412	0.880	2.18	1.22 B	9
10	1.17 B	0.830B	0.890B	13.4	7.83	1.88	1.04	0.878	0.381	1.00	2.12	1.18 B	10
11	1.15 B	0.810B	0.580B	14.8	7.13	1.78	1.08	0.767	0.388	1.42	2.84	1.13 B	11
12	1.12 B	0.790B	0.570B	12.3	7.86	1.68	1.21	0.850	0.400	1.26	2.88	1.08 B	12
13	1.10 B	0.770B	0.560B	10.2	8.21	1.58	1.18	0.878	0.384	1.07	2.48	1.04 B	13
14	1.08 B	0.788B	0.570B	9.11	7.38	1.71	1.07	0.800	0.828	0.943	2.82	1.00 B	14
15	1.08 B	0.780B	0.580B	8.74	6.87	2.17	1.83	0.742	0.831	0.817	2.84	0.980B	15
16	1.04 B	0.738B	0.587B	8.78	8.17	1.81	1.47	1.26	0.462	0.848	2.84	0.950B	16
17	1.02 B	0.720B	0.598B	8.42	8.74	1.80	1.21	1.13	0.406	0.768	2.88	0.930B	17
18	1.01 B	0.705B	0.600B	7.84	8.42	1.88	1.06	0.894	0.402	0.782	3.34	0.910B	18
19	1.00 B	0.690B	0.590B	10.8	8.11	1.88	0.937	0.832	0.524	1.48	3.95	0.890B	19
20	1.08 B	0.680B	0.580B	13.9	4.88	1.41	0.885	0.707	0.524	1.74	3.84	0.870B	20
21	1.18 B	0.700B	0.570B	10.5	4.41	1.42	0.877	0.837	0.598	1.47	2.41	0.850B	21
22	1.22 B	0.725B	0.560B	9.40	4.15	1.40	0.828	0.887	1.13	1.24	2.15B	0.830B	22
23	1.18 B	0.780B	0.555B	8.86	3.90	1.34	0.783	0.841	0.862	1.20	1.70B	0.810B	23
24	1.15 B	0.780B	0.555B	8.83	3.84	1.31	0.704	0.496	0.858	1.48	1.50B	0.800B	24
25	1.10 B	0.780B	0.550B	8.88	3.39	1.18	0.888	0.484	0.980	2.48	1.38B	0.830B	25
26	1.08 B	0.788B	0.700B	8.84	4.28	1.81	0.708	0.802	0.518	2.76	1.20B	0.880B	26
27	1.03 B	0.780B	1.04 B	8.83	4.81	2.18	0.888	0.888	0.481	2.71	1.28B	0.850B	27
28	1.00 B	0.740B	1.50 B	12.0	4.11	1.80	0.888	0.488	0.488	2.18	1.20B	0.830B	28
29	0.970B	0.725B	1.80 B	11.5	3.83	1.40	0.830	0.488	0.471	2.13	3.70B	0.810B	29
30	0.940B		2.15 B	10.6	3.25	1.81	0.803	0.481	0.448	2.06	3.30B	0.780B	30
31	0.880B		2.30 B		3.18		0.888	0.484		1.78		0.770B	31
TOTAL	35.840	23.420	24.852	311.50	186.81	57.20	32.842	21.888	15.408	38.231	67.47	38.230	TOTAL
MEAN	1.15	0.808	0.785	10.4	6.42	1.81	1.06	0.709	0.514	1.27	2.25	1.17	MEAN
MAX	1.52	1.08	2.30	20.4	10.4	3.46	1.72	1.23	1.13	2.76	3.70	2.80	MAX
MIN	0.940	0.680	0.550	2.60	3.18	1.18	0.888	0.481	0.381	0.414	1.20	0.770	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.38
MAXIMUM DAILY, 20.4 ON APR 6
MINIMUM DAILY, 0.381 ON SEP 10
MAXIMUM INSTANTANEOUS,
22.4 AT 15:00 AST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 03 N
LONG 67 08 32 W
DRAINAGE AREA, 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 060	JUL	2 820
FEB	2 020	AUG	1 800
MAR	2 130	SEP	1 330
APR	26 800	OCT	3 290
MAY	17 200	NOV	5 830
JUN	4 840	DEC	3 130

TOTAL DISCHARGE, 74 700 dam³

NEW BRUNSWICK

MEDUXNEKEAG RIVER NEAR BELLEVILLE - STATION NO. 01AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.70B	8.80B	8.90B	102	68.7	8.82	4.22	2.59	12.8	2.83	14.5	42.7	1
2	7.40B	8.40B	8.70B	106	60.6	7.48	11.1	2.21	10.3	2.66	26.2	33.6	2
3	7.10B	7.70B	8.50B	108	53.1	6.27	11.0	52	8.42	3.16	71.7	28.8	3
4	8.80B	7.00B	8.30B	123	44.2	5.78	8.82	1.87	7.06	4.85	81.4	24.7	4
5	8.70B	8.80B	8.15B	127	37.7	5.16	8.88	2.88	6.25	4.21	43.8	18.0	5
6	8.42B	8.10B	8.00B	117	33.2	4.60	5.85	2.88	11.6	4.88	34.4	17.0	6
7	8.10B	8.70B	4.80B	106	28.3	4.28	4.15	4.39	8.98	5.41	31.6	16.8	7
8	8.80B	8.80B	4.80B	83.4	25.3	3.89	3.82	39.8	7.80	4.84	41.7	16.4	8
9	8.70B	8.20B	4.70B	83.2	22.2	3.67	5.25	28.0	6.48	4.12	46.2	13.8	9
10	8.80B	8.00B	8.20B	78.5	18.7	3.59	18.0	18.0	5.34	5.82	39.8	11.8	10
11	8.38B	4.70B	8.80B	86.1	16.1	3.49	15.2	11.7	4.87	7.81	36.1	10.8 B	11
12	8.10B	4.80B	8.80B	76.3	20.1	3.32	11.3	8.20	4.17	8.48	32.8	10.1 B	12
13	8.80B	4.80B	8.30B	82.2	20.0	2.86	8.88	8.19	3.88	8.32	27.5	9.80B	13
14	8.40B	8.40B	8.20B	83.0	17.5	2.70	8.87	4.88	4.28	7.83	27.0	9.20B	14
15	8.00B	8.80B	8.10B	48.7	14.8	2.61	8.19	8.87	4.24	8.87	28.2	8.70B	15
16	4.80B	8.80B	8.06B	43.9	13.5	2.35	8.78	18.8	3.87	8.18	28.4	8.30B	16
17	4.80B	8.40B	8.12B	48.4	12.5	2.38	7.31	18.7	3.72	8.70	24.4	8.00B	17
18	8.20B	8.20B	8.40B	80.6	12.7	2.83	8.01	13.5	3.66	8.35	25.9	7.70B	18
19	7.00B	4.85B	8.80B	86.4	12.4	2.86	4.87	9.78	4.84	8.63	24.3	7.50B	19
20	8.00B	8.00B	8.00B	82.1	11.8	2.38	4.40	7.81	8.48	12.4	21.8	7.30B	20
21	13.2 B	7.20B	8.40B	81.6	10.8	2.78	3.81	8.80	8.30	10.8	23.8	7.10B	21
22	11.7 B	7.60B	8.06B	44.8	10.2	2.77	3.73	4.86	8.84	9.36	26.6	7.00B	22
23	8.80B	7.70B	4.80B	42.8	8.46	2.61	3.10	4.28	8.86	12.8	23.6	8.80B	23
24	8.60B	8.20B	8.60B	42.0	8.78	2.86	2.88	3.86	8.38	18.7	18.8	8.60B	24
25	8.00B	7.90B	18.0 B	87.1	8.22	2.34	2.86	4.04	4.44	31.0	17.7	8.00B	25
26	7.80B	7.00B	28.0 B	83.4	13.8	2.81	2.83	41.8	4.17	42.0	17.8	7.00B	26
27	8.00B	8.80B	86.0 B	86.1	17.2	2.72	2.48	38.4	3.74	31.0	16.8	8.50B	27
28	8.80B	8.30B	120 B	47.8	14.8	2.43	3.17	21.8	3.47	22.8	20.3	8.20B	28
28	7.80B	8.10B	113 B	82.3	11.6	2.86	8.43	16.2	3.18	20.8	84.8	8.30B	29
30	7.00B		106 B	81.8	8.66	2.84	4.13	14.8	3.08	19.3	84.4	8.00B	30
31	8.40B		102		8.78		3.22	18.3		18.8		8.80B	31
TOTAL	218.27	177.08	878.30	2 187.0	671.80	187.88	188.82	378.18	178.44	368.34	868.8	385.80	TOTAL
MEAN	7.07	6.11	21.8	72.9	21.7	3.88	6.41	12.2	5.88	11.8	32.0	12.4	MEAN
MAX	13.2	8.20	120	127	88.7	8.82	18.0	41.8	12.8	42.0	71.7	42.7	MAX
MIN	4.80	4.80	4.70	42.0	8.22	2.34	2.48	1.82	3.08	2.88	14.8	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 127 ON APR 5
MINIMUM DAILY, 1.82 ON AUG 3
MAXIMUM INSTANTANEOUS,
127 AT 10:55 AST ON APR 5

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 58 N
LONG 67 43 42 W
DRAINAGE AREA, 1 210 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 900	JUL	17 200
FEB	15 300	AUG	32 700
MAR	88 700	SEP	15 200
APR	189 000	OCT	36 800
MAY	88 000	NOV	82 800
JUN	8 200	DEC	33 300

TOTAL DISCHARGE, 881 000 dam³

MIDDLE BRANCH NASHWAAKSIS STREAM AT SANDWITH'S FARM - STATION NO. 01AK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.021	0.022	0.045	0.411	0.184	0.037	0.021	0.006	0.013	0.007	0.070	0.135	1
2	0.020	0.035	0.043	0.400	0.158	0.032	0.018	0.003	0.005	0.006	0.455	0.117	2
3	0.018	0.035	0.041	0.383	0.133	0.031	0.013	0.002	0.005	0.006	0.484	0.101	3
4	0.018B	0.030	0.036A	0.434	0.108	0.024	0.014	0.018	0.005	0.006	0.230	0.080	4
5	0.020B	0.035	0.036E	0.383	0.092	0.021	0.006	0.014	0.013	0.005	0.173	0.0788	5
6	0.021	0.028	0.033E	0.308	0.085	0.018	0.005	0.007	0.028	0.011	0.163	0.069	6
7	0.028	0.028	0.031A	0.273	0.076	0.018	0.004	0.004	0.014	0.008	0.184	0.062	7
8	0.025	0.025	0.030	0.256	0.068	0.014	0.003	0.004	0.008	0.007	0.137	0.054	8
9	0.018	0.024	0.028	0.222	0.060	0.013	0.002	0.003	0.005	0.023	0.123	0.044	9
10	0.018	0.024	0.026	0.240	0.061	0.012	0.002	0.003	0.004	0.026	0.106	0.033	10
11	0.014	0.023	0.047	0.211	0.050	0.013	0.004	0.002	0.003	0.026	0.184	0.023	11
12	0.014	0.021	0.034	0.168	0.121	0.010	0.004	0.001	0.002	0.030	0.118	0.018	12
13	0.014	0.026	0.031	0.138	0.078	0.010	0.003	0.001	0.002	0.022	0.093	0.012	13
14	0.013	0.026	0.033	0.124	0.052	0.008	0.002	0.001	0.003	0.018	0.117	0.015	14
15	0.011	0.023	0.028	0.115	0.036	0.008	0.001	0.011	0.003	0.015	0.110	0.018	15
16	0.011	0.026	0.026	0.125	0.034	0.008	0.001	0.018	0.002	0.013	0.087	0.024	16
17	0.011	0.026	0.026	0.187	0.083	0.008	0.001	0.012	0.002	0.011	0.105	0.023	17
18	0.013	0.023	0.030	0.202	0.127	0.013	0.001	0.007	0.014	0.011	0.173	0.020	18
19	0.032	0.022	0.033	0.206	0.070	0.008	0.001	0.003	0.031	0.028	0.108	0.018	19
20	0.042	0.041	0.035	0.184	0.055	0.008	0.002	0.002	0.018	0.088	0.088	0.016	20
21	0.047	0.083	0.031	0.138	0.046	0.008	0.001	0.002	0.033	0.048	0.182	0.017	21
22	0.044	0.075	0.026	0.130	0.042	0.008	0.001	0.003	0.050	0.037	0.158	0.018	22
23	0.030	0.083	0.026	0.118	0.040	0.005	0.001	0.002	0.024	0.138	0.104	0.014	23
24	0.027	0.083	0.029	0.110	0.083	0.004	0.001	0.002	0.018	0.092	0.088	0.012	24
25	0.026	0.086	0.048	0.188	0.052	0.003	0.005	0.010	0.011	0.328	0.078	0.018	25
26	0.0268	0.0[illegible]	0.081	0.216	0.085	0.006	0.007	0.061	0.008	0.247	0.070	0.018	26
27	0.0248	0.084	0.3828	0.176	0.068	0.008	0.004	0.028	0.007	0.133	0.258	0.013	27
28	0.023	0.081	1.05	0.132	0.048	0.005	0.004	0.013	0.008	0.102	0.124	0.013	28
29	0.021	0.081	0.822	0.214	0.038	0.011	0.017	0.010	0.010	0.112	0.324	0.010	29
30	0.020		0.431	0.260	0.030	0.033	0.032	0.047	0.008	0.092	0.171	0.012	30
31	0.023		0.388		0.041		0.012	0.027		0.078		0.010	31
TOTAL	0.668	1.132	3.822	5.855	2.252	0.387	0.192	0.328	0.358	1.788	4.620	1.116	TOTAL
MEAN	0.022	0.038	0.123	0.222	0.073	0.013	0.006	0.011	0.012	0.057	0.154	0.036	MEAN
MAX	0.047	0.093	1.05	0.434	0.184	0.037	0.032	0.061	0.050	0.328	0.484	0.135	MAX
MIN	0.011	0.021	0.026	0.110	0.026	0.003	0.001	0.001	0.002	0.006	0.068	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 1.05 ON MAR 28
MINIMUM DAILY, 0.001 ON JUL 15
MAXIMUM INSTANTANEOUS,
1.37 AT 00:30 AST ON MAR 28

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 58 N
LONG 66 44 04 W
DRAINAGE AREA, 6.70 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59.4	JUL	18.6
FEB	87.8	AUG	28.2
MAR	330	SEP	30.7
APR	575	OCT	182
MAY	198	NOV	388
JUN	34.3	DEC	99.8

TOTAL DISCHARGE, 2 010 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTH NASHWAAKSIS STREAM AT SANDWITH'S FARM" TO 1985

MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD - STATION NO. 01AX005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.134	0.1258	0.2858	3.37	1.03	0.202	0.122	0.030	0.134	0.048	0.269	0.788	1
2	0.133	0.1808	0.2458	3.32	0.838	0.181	0.113	0.020	0.100	0.046	2.72	0.618	2
3	0.108	0.2508	0.2258	3.30	0.707	0.163	0.082	0.018	0.084	0.071	2.51	0.504	3
4	0.101	0.2058	0.207	3.48	0.583	0.159	0.070	0.068	0.045	0.044	1.35	0.456	4
5	0.116	0.1738	0.182	2.12	0.480	0.132	0.048	0.044	0.102	0.035	0.830	0.4008	5
6	0.116	0.1588	0.158	1.87	0.402	0.124	0.033	0.032	0.184	0.048	0.630	0.5008	6
7	0.105	0.1478	0.158	1.83	0.340	0.110	0.028	0.023	0.112	0.045	0.748	0.4008	7
8	0.096	0.1388	0.170	1.48	0.290	0.100	0.025	0.035	0.078	0.036	0.684	0.3208	8
9	0.095	0.130	0.154	1.33	0.259	0.095	0.026	0.024	0.048	0.080	0.623	0.2608	9
10	0.093	0.122	0.156	1.47	0.243	0.089	0.023	0.023	0.039	0.137	0.642	0.2108	10
11	0.091	0.118	0.241	1.26	0.214	0.082	0.025	0.018	0.031	0.182	0.977	0.1638	11
12	0.088	0.114	0.210	0.986	0.505	0.088	0.024	0.011	0.028	0.136	0.684	0.1588	12
13	0.085	0.121	0.214	0.783	0.374	0.085	0.018	0.008	0.028	0.093	0.516	0.1428	13
14	0.088	0.128	0.1478	0.884	0.258	0.054	0.017	0.010	0.029	0.087	0.611	0.1308	14
15	0.080	0.118	0.1638	0.618	0.198	0.048	0.018	0.007	0.028	0.085	0.584	0.1208	15
16	0.074	0.145	0.1578	0.898	0.163	0.038	0.018	0.138	0.023	0.048	0.458	0.1138	16
17	0.072	0.152	0.1558	1.17	0.342	0.042	0.015	0.088	0.020	0.045	0.574	0.1078	17
18	0.075	0.139	0.1728	1.18	1.06	0.054	0.015	0.048	0.092	0.043	0.836	0.1008	18
19	0.2008	0.133	0.1608	1.12	0.821	0.042	0.015	0.031	0.188	0.114	0.837	0.0848	19
20	0.3108	0.210	0.2708	0.939	0.614	0.032	0.026	0.022	0.118	0.328	0.478	0.0908	20
21	0.2508	0.7108	0.2308	0.743	0.328	0.057	0.017	0.024	0.200	0.288	1.25	0.087	21
22	0.1908	0.5208	0.1708	0.884	0.285	0.038	0.016	0.026	0.258	0.212	1.07	0.102	22
23	0.1858	0.4508	0.1508	0.891	0.218	0.031	0.018	0.020	0.182	0.921	0.702	0.078	23
24	0.1478	0.3808	0.1908	0.832	0.328	0.028	0.014	0.017	0.128	0.671	0.5398	0.068	24
25	0.1408	0.3608	0.3008	1.12	0.288	0.023	0.048	0.080	0.104	2.34	0.4328	0.068	25
26	0.1908	0.2808	0.5008	1.35	0.882	0.047	0.088	0.307	0.078	1.67	0.373	0.088	26
27	0.1448	0.4008	0.2758	1.07	0.504	0.040	0.040	0.188	0.082	0.824	0.342	0.077	27
28	0.1328	0.3208	8.38	0.785	0.338	0.030	0.033	0.114	0.073	0.626	0.885	0.070	28
29	0.1228	0.2908	3.84	1.14	0.243	0.088	0.041	0.088	0.077	0.808	1.81	0.083	29
30	0.1178		2.42	1.36	0.184	0.181	0.108	0.338	0.085	0.478	1.10	0.088	30
31	0.1158		2.15		0.234		0.048	0.218		0.385		0.037	31
TOTAL	3.948	8.818	20.235	37.811	13.813	2.418	1.327	2.189	2.838	19.888	28.280	8.531	TOTAL
MEAN	0.127	0.235	0.653	1.26	0.417	0.080	0.040	0.070	0.088	0.344	0.876	0.211	MEAN
MAX	0.310	0.710	8.38	3.48	1.06	0.202	0.122	0.338	0.280	2.34	2.72	0.788	MAX
MIN	0.072	0.114	0.150	0.632	0.183	0.023	0.014	0.009	0.020	0.038	0.288	0.037	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 8.38 ON MAR 29
MINIMUM DAILY, 0.008 ON AUG 13
MAXIMUM INSTANTANEOUS,
7.82 AT 23:37 AST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 06 N
LONG 66 42 06 W
DRAINAGE AREA, 28.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	341	JUL	106
FEB	569	AUG	167
MAR 1	750	SEP	227
APR 3	270	OCT	932
MAY 1	120	NOV	2 270
JUN	308	DEC	884

TOTAL DISCHARGE, 11 800 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTH NASHWAAKSIS STREAM NEAR ROYAL ROAD" TO 1988

MIDDLE RIVER NEAR BATHURST - STATION NO. 01BJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8408	0.6008	0.5508	20.9	17.8	3.33	7.74	0.467	0.874	0.421	3.63	13.6 B	1
2	0.8908	0.7608	0.5708	21.6	16.0	3.72	13.6	0.462	0.806	0.411	8.19	8.88 B	2
3	0.8208	0.7408	0.5458	20.6	15.8	3.48	9.92	0.417	0.592	0.486	31.2	7.80 B	3
4	0.7608	0.7208	0.5208	25.8	15.8	2.85	7.13	0.408	0.585	0.489	16.1	8.70 B	4
5	0.7308	0.7008	0.5008	29.2	22.4	2.43	5.30	0.460	9.867	0.485	10.6	4.40 B	5
6	0.8908	0.6708	0.4808	23.0	27.2	2.29	3.89	0.807	0.832	0.818	10.8	3.20 B	6
7	0.8808	0.8508	0.4708	17.4	25.5	2.27	3.18	2.62	0.782	0.852	14.1	5.40 B	7
8	0.8258	0.8308	0.5208	18.3	18.7	2.02	2.86	3.00	0.616	0.828	10.8	3.80 B	8
9	0.8028	0.8108	0.5108	18.7	16.3	1.79	2.43	2.67	0.516	0.855	8.26	3.00 B	9
10	0.8908	0.8908	0.5008	33.0	13.7	1.84	2.13	1.86	0.462	1.03	8.28	2.80 B	10
11	0.8708	0.8808	0.4808	34.8	12.2	1.58	2.31	1.32	0.452	1.78	8.32	2.30 B	11
12	0.8808	0.8708	0.4608	33.3	12.6	1.42	2.25	0.863	0.424	1.88	7.42	2.10 B	12
13	0.8858	0.8808	0.4908	15.4	11.6	1.25	2.14	0.788	0.474	1.60	8.98	2.00 B	13
14	0.8758	0.8808	0.5258	13.1	9.82	1.14	2.42	1.72	0.483	1.41	8.59	1.88 B	14
15	0.8908	0.8408	0.5008	12.8	8.18	1.32	2.11	2.21	0.488	1.20	8.41	1.70 B	15
16	0.8308	0.8208	0.5008	12.2	7.08	1.18	1.83	8.28	0.443	1.05	8.08	1.88 B	16
17	0.8008	0.8048	0.4658	11.3	6.23	1.10	1.48	5.32	0.414	1.05	4.78	1.80 B	17
18	0.8308	0.8808	0.7008	12.6	5.83	1.80	1.30	3.26	0.426	1.00	4.88	1.80 B	18
19	0.8008	0.8708	0.7808	13.6	5.16	1.34	1.18	2.22	0.888	0.883	4.24	1.40 B	19
20	0.8008	0.8608	0.7308	15.7	4.80	1.08	1.13	1.88	0.711	1.30	3.78	1.30 B	20
21	1.10 B	0.8208	0.7108	12.7	4.28	0.996	1.08	1.16	0.611	1.80	3.498	1.23 B	21
22	0.8508	0.8508	0.8828	12.3	3.77	0.906	0.928	0.882	0.807	1.88	3.188	1.18 B	22
23	0.8208	0.8108	0.8858	12.3	3.32	0.818	0.827	0.887	0.878	8.87	3.048	1.12 B	23
24	0.8708	0.8508	0.8408	14.8	3.05	0.731	0.758	0.787	0.858	10.3	2.908	1.07 B	24
25	0.8008	0.8408	0.8008	12.3	2.83	0.658	0.888	0.782	0.811	12.7	2.788	1.03 B	25
26	0.7608	0.8208	0.8158	11.1	8.35	1.89	0.848	1.18	0.488	15.8	2.738	1.00 B	26
27	0.7208	0.8108	1.08 B	14.8	7.24	2.32	0.830	1.31	0.424	8.84	3.348	0.8708	27
28	0.8808	0.8008	5.89 B	17.8	6.14	1.80	0.838	0.888	0.413	7.34	8.028	0.8408	28
29	0.8408	0.4908	13.8 B	16.2	3.87	1.16	0.885	0.800	0.418	8.08	18.8 B	0.8108	28
30	0.8108		16.8 B	17.8	3.17	8.46	0.877	0.888	0.417	4.88	18.3 B	0.8708	30
31	0.8608		21.7		3.13		0.813	0.787		4.33		0.8408	31
TOTAL	21.737	17.844	76.737	528.7	317.85	55.042	65.420	49.781	18.417	100.818	244.91	87.820	TOTAL
MEAN	0.701	0.808	2.44	17.8	10.3	1.83	2.78	1.61	0.547	3.28	8.18	2.83	MEAN
MAX	1.10	0.720	21.7	34.8	27.2	8.46	13.6	8.28	0.932	15.8	31.2	13.8	MAX
MIN	0.800	0.480	0.480	11.1	2.83	0.658	0.813	0.408	0.413	0.411	2.72	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.38
MAXIMUM DAILY, 34.8 ON APR 11
MINIMUM DAILY, 0.408 ON AUG 4
MAXIMUM INSTANTANEOUS,
43.3 AT 00:12 AST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 30 N
LONG 65 43 23 W
DRAINAGE AREA, 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 660	JUL	7 380
FEB	1 530	AUG	4 300
MAR	8 840	SEP	1 420
APR	45 700	OCT	6 710
MAY	27 500	NOV	21 200
JUN	4 780	DEC	7 580

TOTAL DISCHARGE, 139 000 dam³

NEW BRUNSWICK

MACKAWIC STREAM NEAR TEMPERANCE VALE - STATION NO. 01AK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7608	0.813	1.40 B	28.8	10.8	1.28	0.888	0.127	1.13	0.174	2.60	0.88	1
2	0.8608	1.12 B	1.30 B	28.8	9.12	1.08	0.883	0.088	0.727	0.204	7.87	0.83	2
3	0.8608	1.38 B	1.20 B	28.8	8.13	0.878	0.880	0.087	0.888	0.308	14.3	0.59	3
4	0.8708	1.70 B	1.13 B	27.8	8.88	0.718	0.448	0.138	0.428	0.218	13.3	4.29	4
5	0.8608	1.48 B	1.08 B	26.3	8.38	0.888	0.338	0.107	0.372	0.192	8.88	2.88	5
6	0.8488	1.30 B	1.02 B	22.8	4.28	0.804	0.281	0.074	0.383	0.233	8.82	2.22	6
7	0.8208	1.18 B	0.8808	20.1	3.48	0.428	0.221	0.088	0.283	0.243	8.88	2.48 B	7
8	0.8008	1.08 B	0.8408	17.7	2.88	0.388	0.173	0.073	0.284	0.218	8.88	2.10 B	8
9	0.4708	0.8708	0.8008	15.2	2.32	0.313	0.134	0.284	0.843	0.281	8.81	1.88 B	9
10	0.4808	0.9008	1.00 B	14.4	1.88	0.288	0.124	0.844	0.188	0.838	8.81	1.40 B	10
11	0.4288	0.8408	1.80 B	14.8	1.88	0.228	0.108	0.433	0.184	0.788	8.82	1.20 B	11
12	0.430	0.7888	1.38 B	11.7	3.48	0.208	0.100	0.288	0.118	1.88	8.18	1.00 B	12
13	0.420	0.7308	1.28 B	8.83	4.02	0.241	0.188	0.174	0.087	1.38	4.91	0.8008	13
14	0.421	0.7008	1.21 B	7.28	3.18	0.218	0.187	0.133	0.087	0.984	4.70	0.7008	14
15	0.402	0.8708	1.17 B	8.31	2.80 A	0.178	0.133	0.188	0.081	0.782	8.18	0.8108	15
16	0.351	0.8808	1.12 B	8.10	2.12 E	0.138	0.122	0.318	0.073	0.878	4.82	0.8408	16
17	0.338	0.7008	1.07 B	8.00	1.80 E	0.184	0.114	0.481	0.080	0.887	4.78	0.4808	17
18	0.344	0.7008	1.04 B	10.0	1.88 E	0.228	0.088	0.884	0.188	0.808	7.21	0.4208	18
19	0.8308	0.8708	1.01 B	8.72	1.88 A	0.224	0.083	0.480	0.328	1.21	8.44	0.3808	19
20	2.23 B	0.7208	0.9808	8.72	1.28	0.183	0.081	0.318	0.277	2.47	8.08	0.3808	20
21	2.85 B	0.8808	0.8808	7.22	1.11	0.243	0.088	0.241	0.417	2.80	8.13	0.3708	21
22	2.80 B	1.00 B	0.8408	8.28	0.944	0.214	0.088	0.178	0.488	1.88	8.28	0.3308	22
23	2.10 B	1.20 B	0.8208	8.78	0.842	0.280	0.088	0.108	0.412	2.82	7.32	0.3008	23
24	1.85 B	1.80 B	0.8108	8.80	1.12	0.813	0.083	0.077	0.387	3.83	4.80	0.2808	24
25	1.72 B	2.10 B	1.80 B	8.88	1.21	0.408	0.088	0.087	0.307	7.88	4.18	0.2808	25
26	1.85 B	2.00 B	4.80 B	12.1	2.82	0.378	0.087	0.807	0.284	8.84	3.87	0.2488	26
27	1.83 B	1.80 B	12.7 B	8.74	3.34	0.488	0.082	1.84	0.304	8.73	3.40	0.2308	27
28	1.38 B	1.80 B	31.0 B	7.74	2.84	0.388	0.088	1.38	0.207	4.88	8.08	0.2188	28
29	1.24 B	1.80 B	28.0 B	8.83	1.82	0.418	0.248	0.828	0.184	4.38	13.7	0.2048	29
30	1.06		28.3	12.8	1.10	0.858	0.210	0.882	0.180	3.78	13.1	0.1888	30
31	0.882		26.8		1.28		0.188	1.34		3.02		0.1808	31
TOTAL	30.738	32.732	181.818	400.08	88.838	12.604	6.818	13.033	8.148	82.843	204.42	47.188	TOTAL
MEAN	0.881	1.13	5.81	13.3	3.08	0.413	0.181	0.420	0.305	2.82	8.81	1.52	MEAN
MAX	2.85	2.10	31.0	27.8	10.8	1.28	0.888	1.84	1.13	8.84	14.3	4.88	MAX
MIN	0.338	0.870	0.800	5.80	0.842	0.138	0.083	0.087	0.080	0.174	2.40	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 31.0 B ON MAR 28
MINIMUM DAILY, 0.083 ON JUL 24
MAXIMUM INSTANTANEOUS,
36.3 AT 12:34 AST ON MAR 30

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 57 N
LONG 87 14 25 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880	JUL	811
FEB	3 830	AUG	1 130
MAR	14 000	SEP	780
APR	34 600	OCT	6 410
MAY	8 280	NOV	17 700
JUN	1 070	DEC	4 080

TOTAL DISCHARGE, 83 100 dam³

REMARKS - PUBLISHED AS "MACKAWIC RIVER AT TEMPERANCE VALE" TO 1980 AND AS "MACKAWIC RIVER NEAR TEMPERANCE VALE" TO 1986.

NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.028	0.021	0.020	0.548	0.158	0.027	0.028	0.007	0.008	0.008	0.027	0.100	1
2	0.026	0.048	0.020	0.842	0.138	0.024	0.023	0.007	0.007	0.008	0.353	0.088	2
3	0.023	0.083	0.020	0.807	0.118	0.024	0.018	0.007	0.007	0.007	0.318	0.078	3
4	0.021	0.031	0.020	0.881	0.102	0.021	0.014	0.033	0.008	0.007	0.170	0.088	4
5	0.022	0.030	0.018	0.808	0.080	0.021	0.012	0.038	0.008	0.008	0.110	0.084	5
6	0.020	0.0288	0.020	0.488	0.081	0.018	0.011	0.014	0.008	0.008	0.118	0.080	6
7	0.020	0.0288	0.020	0.417	0.074	0.018	0.010	0.012	0.007	0.007	0.118	0.082	7
8	0.020	0.0248	0.018	0.388	0.082	0.017	0.010	0.010	0.008	0.007	0.128	0.048	8
9	0.018	0.022	0.018	0.347	0.088	0.017	0.009	0.008	0.008	0.008	0.088	0.041	9
10	0.018	0.022	0.020	0.388	0.081	0.018	0.008	0.008	0.008	0.014	0.084	0.038	10
11	0.020	0.022	0.022	0.338	0.081	0.018	0.008	0.008	0.008	0.021	0.177	0.018	11
12	0.018	0.021	0.020	0.224	0.127	0.015	0.008	0.008	0.008	0.022	0.110	0.0418	12
13	0.020	0.022	0.018	0.182	0.071	0.015	0.008	0.007	0.008	0.014	0.088	0.0388	13
14	0.018	0.022	0.018	0.158	0.088	0.014	0.008	0.007	0.007	0.012	0.087	0.0318	14
15	0.018	0.021	0.018	0.143	0.048	0.014	0.008	0.013	0.007	0.011	0.080	0.013	15
16	0.018	0.023	0.018	0.138	0.044	0.012	0.008	0.018	0.008	0.011	0.074	0.014	16
17	0.018	0.022	0.018	0.188	0.048	0.013	0.008	0.014	0.008	0.008	0.088	0.018	17
18	0.018	0.021	0.018	0.208	0.083	0.018	0.007	0.011	0.008	0.010	0.158	0.021	18
19	0.082	0.021	0.020	0.234	0.048	0.013	0.008	0.008	0.017	0.048	0.081	0.013	19
20	0.088	0.038	0.020	0.193	0.040	0.012	0.008	0.008	0.011	0.042	0.070	0.008	20
21	0.048	0.044	0.020	0.132	0.038	0.013	0.008	0.007	0.028	0.028	0.082	0.018	21
22	0.031	0.027	0.018	0.133	0.038	0.011	0.007	0.007	0.028	0.020	0.088	0.022	22
23	0.028	0.026	0.018	0.118	0.032	0.018	0.007	0.008	0.013	0.107	0.087	0.013	23
24	0.024	0.048	0.021	0.110	0.080	0.013	0.007	0.008	0.010	0.078	0.084	0.018	24
25	0.023	0.028	0.038	0.188	0.042	0.011	0.007	0.008	0.008	0.238	0.047	0.018	25
26	0.024	0.038	0.083	0.184	0.088	0.031	0.007	0.018	0.008	0.128	0.048	0.017	26
27	0.023	0.024	0.828	0.181	0.071	0.017	0.007	0.013	0.008	0.074	0.043	0.018	27
28	0.021	0.033	1.08	0.133	0.048	0.013	0.010	0.008	0.008	0.050	0.152	0.017	28
29	0.020	0.022	0.588	0.200	0.038	0.027	0.010	0.008	0.007	0.080	0.384	0.018	29
30	0.018		0.434	0.183	0.038	0.028	0.010	0.017	0.008	0.087	0.138	0.018	30
31	0.018		0.488		0.033		0.008	0.012		0.044		0.017	31
TOTAL	0.785	0.787	3.882	8.457	3.024	0.534	0.317	0.338	0.268	1.182	3.648	1.038	TOTAL
MEAN	0.025	0.027	0.118	0.282	0.088	0.017	0.010	0.011	0.008	0.038	0.118	0.033	MEAN
MAX	0.088	0.083	1.08	0.881	0.158	0.031	0.028	0.038	0.028	0.238	0.383	0.100	MAX
MIN	0.018	0.021	0.018	0.110	0.028	0.011	0.007	0.008	0.008	0.008	0.037	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.063
MAXIMUM DAILY, 1.08 ON MAR 28
MINIMUM DAILY, 0.008 ON SEP 12
MAXIMUM INSTANTANEOUS,
1.48 AT 23:13 AST ON MAR 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 10 35 N
LONG 87 01 17 W
DRAINAGE AREA, 3.58 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67.8	JUL	27.4
FEB	68.8	AUG	38.3
MAR	316	SEP	23.2
APR	731	OCT	102
MAY	176	NOV	307
JUN	46.3	DEC	89.6

TOTAL DISCHARGE, 1 980 dam³

NASHWAAK RIVER AT DURHAM BRIDGE - STATION NO. 01AL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.5 B	10.3 B	10.3 B	143	81.6	17.6	13.2	3.68	6.63	4.47	23.1	48.7	1
2	12.2 B	11.0 B	9.700	143	76.8	16.3	12.4	3.98	6.70	4.27	81.6	42.2	2
3	11.6 B	13.0 B	9.100	136	86.0	16.3	11.2	3.84	6.76	4.36	144	37.6	3
4	11.6 B	16.2 B	8.600	187	82.1	14.1	9.46	5.02	6.14	4.13	82.4	34.2	4
5	11.9 B	18.0 B	8.300	151	86.9	13.1	8.03	9.33	5.81	4.02	90.3	28.2	5
6	11.4 B	16.7 B	8.100	131	82.4	13.2	8.78	8.83	7.42	4.79	84.8	20.0	6
7	11.1 B	13.7 B	7.800	114	67.1	11.6	8.33	8.87	7.16	5.37	88.0	28.1	7
8	10.7 B	12.6 B	7.600	104	61.7	11.1	8.86	8.84	6.68	6.87	83.6	26.6	8
9	10.4 B	11.8 B	8.200	88.3	57.6	10.8	8.48	8.88	6.88	8.38	80.4	18.1	9
10	10.2 B	10.8 B	8.288	100	53.8	9.82	8.16	7.38	6.24	7.78	84.7	16.5	10
11	10.0 B	10.0 B	8.008	108	51.6	9.80	8.30	6.80	6.08	8.78	88.8	14.8	11
12	8.808	9.208	8.008	87.8	57.7	9.82	8.41	6.84	3.88	14.3	84.1	13.6 B	12
13	8.608	8.608	8.008	78.0	57.6	8.88	8.43	4.11	3.82	12.3	82.3	12.7 B	13
14	8.288	8.308	8.608	84.1	51.6	8.78	8.78	4.06	4.46	8.06	82.7	12.2 B	14
15	8.898	10.0 B	8.108	88.4	58.2	8.88	8.72	8.88	4.88	7.84	84.0	11.8 B	15
16	8.802	10.7 B	7.808	85.1	58.4	8.00	8.86	11.8	4.34	7.03	88.8	11.8 B	16
17	8.808	11.0 B	7.608	87.8	24.0	8.87	8.78	10.7	3.88	8.38	87.8	11.2 B	17
18	8.408	10.4 B	8.008	74.2	30.8	11.8	8.88	7.81	4.31	8.07	83.8	10.8 B	18
19	12.0 B	10.0 B	8.008	78.8	28.7	10.8	8.84	8.88	7.02	10.0	44.1	10.7 B	19
20	17.8 B	11.3 B	8.208	88.2	23.2	8.82	8.78	4.82	8.18	19.3	37.1	10.8 B	20
21	18.0 B	12.3 B	8.108	78.2	21.8	8.08	7.13	4.48	7.28	18.0	43.7	10.2 B	21
22	16.0 B	13.8 B	8.808	84.8	20.2	7.81	8.38	4.38	12.4	14.3	41.2	10.0 B	22
23	16.1 B	14.8 B	8.008	82.3	19.1	8.12	8.41	4.18	10.4	30.3	38.4	9.808	23
24	14.0 B	16.0 B	8.008	81.8	21.8	8.84	4.84	3.87	8.26	36.2	38.8	9.808	24
25	18.2 B	17.8 B	12.0 B	71.0	21.3	7.34	8.08	4.27	8.72	73.8	28.88	9.408	25
26	14.2 B	14.7 B	30.0 B	80.7	28.4	8.80	8.01	16.4	8.77	78.4	28.08	9.208	26
27	13.8 B	13.3 B	100 B	77.8	31.4	11.4	4.71	18.4	8.00	48.9	27.8	8.108	27
28	12.9 B	12.8 B	304 B	71.8	28.4	8.33	4.84	11.7	4.88	35.2	27.7	8.008	28
29	12.3 B	11.2 B	248	76.8	30.8	7.88	4.78	8.48	4.81	33.3	88.3	8.848	29
30	10.8 B		188	88.8	18.0	13.8	4.82	8.84	4.78	31.8	82.3	8.738	30
31	8.808		144		17.8		4.23	11.1		28.4		8.888	31
TOTAL	371.74	388.80	1 211.48	2 788.0	1 887.8	313.08	208.08	225.03	178.78	878.88	1 524.1	617.38	TOTAL
MEAN	12.0	12.3	38.1	83.2	28.4	10.4	8.71	7.28	8.88	18.7	80.8	18.7	MEAN
MAX	18.8	17.8	304	187	81.8	17.8	13.2	18.4	12.4	78.4	144	48.7	MAX
MIN	8.48	8.88	7.88	81.8	17.8	7.34	4.23	3.84	3.82	4.03	23.1	8.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.8
MAXIMUM DAILY, 3048 ON MAR 30
MINIMUM DAILY, 3.84 ON AUG 3
MAXIMUM INSTANTANEOUS,
378 AT 14:30 AST ON MAR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 07 33 N
LONG 66 36 44 W
DRAINAGE AREA, 1 450 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 100	JUL	18 000
FEB	30 800	AUG	19 400
MAR	108 000	SEP	15 800
APR	241 000	OCT	80 000
MAY	94 800	NOV	132 000
JUN	27 100	DEC	44 700

TOTAL DISCHARGE, 811 000 dam³

NASHWAAK RIVER AT STANLEY - STATION NO. 01AL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.608	4.308	4.808	80.1	41.7	7.87	6.88	2.18	4.84	2.85	11.0	30.0	1
2	5.808	4.108	4.308	82.8	37.8	7.38	6.34	2.07	3.84	2.84	48.3	17.0	2
3	5.358	5.808	4.008	88.8	32.8	6.78	5.71	2.03	3.30	2.48	82.8	16.2	3
4	5.258	7.808	3.808	88.8	28.8	8.07	4.88	3.74	3.03	2.44	88.8	13.1	4
5	5.158	7.408	3.708	84.8	27.2	5.78	2.82	8.82	3.38	2.82	27.8	8.88	5
6	5.088	6.708	3.888	88.8	28.8	8.48	3.31	8.18	4.88	3.44	24.8	8.82	6
7	4.888	6.308	3.808	82.8	23.1	8.32	3.08	4.16	4.08	3.37	24.8	11.1	7
8	4.888	5.708	3.888	48.1	20.2	4.88	3.08	5.08	3.12	3.17	88.1	10.8	8
9	4.758	5.108	3.808	46.8	17.8	4.71	2.87	7.83	3.88	3.32	88.1	7.88	9
10	4.808	4.708	4.208	81.8	18.8	4.48	2.88	4.80	3.48	4.73	88.1	8.78	10
11	4.588	4.308	4.808	82.8	14.3	4.28	2.78	3.73	3.18	8.32	88.8	8.78	11
12	4.408	4.108	4.208	40.1	18.1	4.12	3.04	3.02	3.28	8.72	88.8	8.48	12
13	4.308	3.808	4.008	32.4	16.8	4.18	4.21	2.88	3.28	8.78	88.8	0.8288	13
14	4.208	4.108	3.808	31.8	14.5	4.28	3.83	2.38	3.08	8.11	19.3	0.8208	14
15	4.108	4.408	3.708	31.3	12.8	4.88	4.88	4.28	3.18	4.84	88.8	0.8088	15
16	4.008	4.808	3.808	31.8	11.8	4.82	4.82	8.18	3.74	4.88	18.8	0.4828	16
17	3.888	8.208	3.808	31.8	11.8	4.28	7.42	8.88	2.88	3.78	18.1	0.4748	17
18	4.208	4.808	3.858	33.2	11.3	5.83	8.82	4.47	2.83	3.73	88.8	0.4888	18
19	8.888	4.888	3.808	88.8	11.2	4.88	4.22	3.43	8.34	8.88	88.7	0.4888	19
20	7.888	8.888	4.308	87.8	18.2	4.81	8.88	3.88	8.21	12.4	18.8	0.4868	20
21	8.888	8.488	4.208	81.7	8.78	4.83	4.78	2.38	4.84	18.8	17.3	0.4488	21
22	8.888	8.888	3.858	88.4	8.38	3.81	3.72	2.87	7.24	8.81	18.2	0.4288	22
23	7.388	8.888	3.788	87.8	8.84	3.77	3.23	2.38	8.78	17.8	14.8	0.4388	23
24	8.788	7.288	3.888	88.8	8.81	4.17	3.88	2.17	4.84	21.8	11.8	0.4228	24
25	8.388	7.888	4.888	88.7	8.81	3.88	3.88	2.82	4.83	48.2	18.3	0.4158	25
26	8.888	8.888	8.888	88.2	12.8	8.38	2.78	8.88	3.48	38.1	18.2	0.4888	26
27	8.288	8.288	38.8 B	38.8	13.8	8.88	2.88	8.38	2.83	32.8	12.3	0.4818	27
28	8.888	8.888	78.1 B	38.3	18.8	8.88	2.87	8.84	3.88	18.3	84.8	0.3858	28
28	8.148	8.288	88.8	41.8	8.88	4.81	2.83	4.88	3.78	18.3	87.8	0.3808	28
30	4.888		88.8	48.4	7.78	8.78	2.88	8.13	2.81	18.8	84.4	0.3888	30
31	4.888		84.8		7.38		2.88	8.83		13.4		0.3808	31
TOTAL	188.88	188.88	488.78	1 283.8	814.28	148.28	121.27	138.78	108.28	313.88	787.8	138.881	TOTAL
MEAN	8.37	8.48	12.8	42.8	18.8	4.88	3.82	4.48	3.81	10.1	28.8	4.48	MEAN
MAX	8.88	7.88	78.1	88.8	41.7	7.87	7.42	8.48	7.24	48.2	82.8	20.8	MAX
MIN	3.88	3.88	3.88	27.8	7.38	3.88	2.88	2.83	2.18	2.44	18.3	8.388	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 78.18 ON MAR 28
MINIMUM DAILY, 8.3888 ON DEC 31
MAXIMUM INSTANTANEOUS,
128 AT 11:33 AST ON APR 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 58 N
LONG 66 44 18 W
DRAINAGE AREA, 841 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 400	JUL	10 800
FEB	13 700	AUG	12 000
MAR	34 800	SEP	8 350
APR	111 000	OCT	27 100
MAY	44 400	NOV	81 200
JUN	12 900	DEC	12 000

TOTAL DISCHARGE, 383 000 dam³

NEW BRUNSWICK

NEPISIGUIT RIVER AT NEPISIGUIT FALLS - STATION NO. 01BK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.0	8.84	7.93	53.1	73.1	44.8	30.3	13.6	8.83	7.80	31.0	38.3	1
2	16.1	10.5	7.93	53.7	70.2	43.8	28.7	8.51	8.78	7.80	37.7	38.8	2
3	15.0	11.3	8.21	53.0	70.2	43.3	31.4	10.5	8.06	7.79	38.3	31.4	3
4	15.8	12.2	8.21	70.8	70.8	38.7	28.4	10.4	8.30	7.83	38.0	38.0	4
5	15.8	11.3	8.38	89.0	138	37.1	27.0	13.3	8.77	7.80	37.8	30.8	5
6	15.8	10.8	7.78	87.8	148	35.7	28.1	14.3	8.34	7.85	37.8	14.7	6
7	14.2	10.8	8.68	86.7	148	33.8	27.1	16.1	8.06	7.85	37.8	38.8	7
8	13.8	10.8	7.38	76.2	150	31.7	25.6	18.8	8.78	7.83	37.2	38.8	8
9	11.0	10.2	8.07	77.8	138	29.8	23.8	18.3	8.38	8.80	38.8	18.8	9
10	14.4	11.2	8.07	81.3	138	28.2	22.7	14.7	7.38	10.8	42.8	14.7	10
11	13.0	8.81	7.38	66.2	138	28.8	28.8	14.2	7.38	12.2	48.0	13.8	11
12	13.8	8.36	8.07	61.2	118	28.8	28.2	13.0	7.38	12.2	48.7	12.2	12
13	13.8	8.93	7.38	70.8	113	26.4	26.2	12.7	7.83	13.0	41.1	14.2	13
14	14.7	8.21	7.88	88.0	110	23.8	26.8	14.7	8.06	10.8	40.8	17.7	14
15	13.8	8.07	7.88	88.0	108	27.8	23.2	18.8	7.83	8.83	43.8	22.1	15
16	13.8	8.78	7.78	88.2	102	23.8	22.7	18.0	7.88	8.83	38.4	18.2	16
17	13.8	8.80	7.88	83.0	88.8	23.8	22.7	18.2	7.38	8.78	38.1	18.8	17
18	13.8	8.06	7.78	82.0	87.0	26.0	20.4	16.4	8.84	8.34	38.4	18.4	18
19	13.7	10.1	7.88	88.8	72.7	26.4	20.4	15.8	8.82	8.34	36.0	18.4	19
20	12.7	8.83	7.78	84.1	78.8	21.8	20.4	12.7	8.30	11.2	31.1	18.4	20
21	12.7	8.30	7.80	88.1	80.0	22.7	18.8	12.8	10.2	10.8	30.7	20.1	21
22	13.0	8.06	7.06	82.4	81.7	21.2	18.4	10.8	8.82	10.6	28.4	18.2	22
23	13.2	8.80	7.06	82.4	83.4	19.2	18.4	8.81	8.83	20.7	26.8	17.8	23
24	12.7	9.06	8.81	82.4	88.2	18.0	18.1	10.8	8.80	27.2	26.8	17.8	24
25	11.2	9.34	7.06	82.4	83.0	17.8	18.7	10.8	8.78	47.2	21.8	17.8	25
26	11.2	8.80	8.07	83.8	87.1	23.8	18.4	13.8	7.88	58.4	21.7	17.8	26
27	11.8	8.21	14.4	88.8	86.1	23.2	18.0	17.0	7.38	43.8	26.8	18.4	27
28	11.0	8.78	32.4	83.8	83.8	18.4	18.8	13.8	7.83	36.4	33.4	18.8	28
29	10.2	8.21	36.8	88.4	48.0	20.4	18.0	11.2	7.88	36.8	30.0	18.8	29
30	8.81		45.4	70.8	42.7	30.2	18.0	10.7	7.38	36.2	36.7	13.8	30
31	8.81		48.2		46.8		13.8	8.77		27.8		13.8	31
TOTAL	410.82	277.32	375.85	1 801.0	3 738.2	831.8	888.8	426.48	254.11	826.20	1 221.8	886.8	TOTAL
MEAN	13.3	8.86	12.1	83.4	88.3	27.7	22.3	13.8	8.47	17.0	40.7	18.3	MEAN
MAX	16.1	12.2	48.2	81.3	150	44.8	28.7	18.8	10.2	58.4	58.3	38.2	MAX
MIN	8.81	8.07	8.81	82.1	43.7	17.8	13.0	8.77	7.38	7.38	31.8	13.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.0
MAXIMUM DAILY, 150 ON MAY 8
MINIMUM DAILY, 8.81 ON MAR 24

DATA CONTRIBUTED BY -
CONSOLIDATED-BATHURST COMPANY LIMITED

SUMMARY FOR THE YEAR 1966

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 24 24 N
LONG 65 47 42 W
DRAINAGE AREA, 1 840 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 500	JUL	59 500
FEB	24 000	AUG	36 800
MAR	33 500	SEP	22 000
APR	154 000	OCT	45 500
MAY	237 000	NOV	106 000
JUN	71 800	DEC	81 600

TOTAL DISCHARGE, 868 000 dam³

NEREPIS RIVER NEAR FOWLERS CORNER - STATION NO. 01AP005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.708	3.308	4.608	20.8	17.8	4.48	2.84	0.883	8.88	0.712	3.87	12.4	1
2	1.888	4.108	4.408	18.0	13.4	3.12	4.08	0.488	4.13	0.888	84.3	8.31	2
3	1.828	5.108	3.858	18.8	10.8	2.80	2.81	0.401	3.02	0.848	33.4	7.08	3
4	1.888	4.408	3.708	17.2	8.78	2.08	4.11	1.28	2.60	0.880	18.8	8.14 B	4
5	1.888	3.868	3.408	18.1	7.08	1.88	1.84	1.30	10.1	0.873	10.2	4.10 B	5
6	1.828	3.858	3.208	11.8	5.88	1.78	1.28	0.708	7.88	0.838	8.84	3.08 B	6
7	1.488	3.288	3.028	10.8	4.88	1.84	0.838	0.820	4.84	0.888	8.13	3.48 B	7
8	1.478	3.028	2.808	10.0	4.81	1.38	0.738	0.807	3.81	0.878	8.88	3.18 B	8
9	1.428	2.858	2.888	8.48	3.87	1.22	0.680	0.730	3.02	1.21	8.88	1.88 B	9
10	1.408	2.708	2.208	8.08	3.81	1.13	3.28	0.888	1.84	3.82	8.31	1.81 B	10
11	1.388	2.808	2.808	8.38	3.18	1.04	6.13	0.488	1.48	3.38	10.8	1.48 B	11
12	1.358	2.508	2.258	8.82	4.81	0.933	3.88	0.342	1.28	3.77	7.88	1.31 B	12
13	1.348	3.108	3.008	5.88	4.18	0.881	3.81	0.308	1.18	2.47	8.24	1.18	13
14	1.708	4.308	2.888	4.84	3.23	0.788	1.84	0.278	1.42	1.88	11.8	1.08 B	14
15	2.208	5.408	2.858	4.48	2.78	0.738	1.84 A	1.88	1.33	1.82	8.43	0.8208	15
16	2.008	5.808	2.488	7.78	2.21	0.848	0.8008	4.88	1.07	1.38	8.03	0.8408	16
17	2.808	13.4 B	2.368	16.3	2.82	0.888	0.7108	3.84	0.888	1.32	8.18	0.7508	17
18	2.888	10.8 B	2.768	12.7	4.12	0.884	0.6908	1.88	0.848	1.18	22.0	0.7408	18
19	2.108	8.808	3.188	8.87	3.84	0.880	0.6808	1.34	1.80	1.81	10.8	0.8508	19
20	4.408	11.8 B	3.308	8.87	2.86	0.841	0.6308	0.788	1.48	10.4	7.40	0.8508	20
21	3.808	18.0 B	3.808	8.81	2.88	0.804	0.784A	0.848	1.38	8.78	28.1	0.8208	21
22	3.458	12.0 B	3.708	7.88	3.21	0.438	1.38	0.847	3.18	4.88	18.8	0.8508	22
23	3.188	10.8 B	3.608	7.17	1.87	0.418	1.43	0.781	1.88	18.8	11.0	0.8408	23
24	3.908	8.008	3.888	8.88	1.78	0.880	0.840	0.811	1.38	10.8	7.81	0.8408	24
25	3.708	8.208	3.008	31.0	2.11	0.378	1.41	0.888	1.04	24.2	8.81	0.8208	25
26	3.308	7.308	30.0 B	41.2	13.8	0.384	1.78	22.4	0.880	14.8	8.38	0.7808	26
27	3.608	8.608	78.0 B	38.8	7.41	0.418	1.38	11.4	0.788	8.43	4.88	0.8608	27
28	3.408	8.808	80.0 B	33.2	4.80	0.387	1.15	8.74	0.781	6.28	8.37	0.8508	28
29	3.188	8.208	31.8	27.3	3.37	0.408	1.10	3.88	0.883	7.10	28.4	1.20 E	29
30	2.868		30.3	28.1	2.62	8.24	0.908	28.8	0.778	8.80	12.8	1.18 E	30
31	2.708		18.8		4.43		0.870	18.0		4.88		1.07 E	31
TOTAL	72.88	187.72	304.82	488.34	180.74	37.888	54.880	108.889	88.783	153.888	383.08	87.210	TOTAL
MEAN	2.34	8.47	8.82	15.8	8.18	1.28	1.78	3.84	2.28	4.88	12.8	2.17	MEAN
MAX	4.40	18.0	78.0	41.2	17.8	8.24	6.13	28.8	10.1	24.2	84.3	12.4	MAX
MIN	1.34	2.80	2.35	4.48	1.78	0.387	0.830	0.278	0.778	0.873	3.87	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.83
MAXIMUM DAILY, 78.08 ON MAR 27
MINIMUM DAILY, 0.278 ON AUG 14
MAXIMUM INSTANTANEOUS,
102 AT 15:53 AST ON NOV 2

SUMMARY FOR THE YEAR 1966

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 08 N
LONG 66 19 14 W
DRAINAGE AREA, 293 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 270	JUL	4 720
FEB	18 200	AUG	8 480
MAR	28 300	SEP	8 940
APR	38 600	OCT	13 300
MAY	13 800	NOV	33 100
JUN	3 280	DEC	8 810

TOTAL DISCHARGE, 178 000 dam³

NIGADOO RIVER NEAR ALCIDA - STATION NO. 01BJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.610B	0.520B	0.318B	10.4 B	13.5	2.28	6.18	0.578	0.663	0.484	2.76	5.63 B	1
2	0.580B	0.510B	0.316B	8.40B	12.2	2.50	12.1	0.562	0.613	0.482	10.6	4.40 B	2
3	0.575B	0.500B	0.314B	13.4 B	12.4	2.29	6.06	0.485	0.638	0.483	20.9	4.10 B	3
4	0.560B	0.490B	0.312B	20.5 B	13.6	2.07	5.37	0.526	0.788	0.517	11.7	3.64 B	4
5	0.550B	0.480B	0.310B	13.2 B	20.3	1.85	3.81	0.603	0.810	0.471	7.76	2.61 B	5
6	0.530B	0.470B	0.306B	10.4	28.1	1.90	3.07	1.33	0.667	0.648	6.50	1.97 B	6
7	0.520B	0.460B	0.305B	8.72	24.3	1.74	2.86	1.86	0.804	0.655	6.35	2.40 B	7
8	0.505B	0.450B	0.304B	8.02	18.9	1.62	2.43	2.70	0.726	0.788	7.44	2.00 B	8
9	0.485B	0.440B	0.302B	8.55	17.3	1.60	2.17	3.42	0.633	0.748	5.66	1.75 B	9
10	0.475B	0.435B	0.300B	16.7	17.3	1.36	2.22	2.86	0.656	1.34	6.12	1.50 B	10
11	0.470B	0.425B	0.290B	18.6	18.8	1.27	3.03	1.81	0.783	1.26	5.06	1.40 B	11
12	0.457B	0.415B	0.288B	12.1	17.7	1.20	2.81	1.42	0.637	1.55	4.53	1.30 B	12
13	0.441B	0.405B	0.320B	9.36	14.7	1.08	2.28	1.27	0.614	1.36	3.81	1.20 B	13
14	0.425B	0.395B	0.360B	8.17	11.1	0.983	2.49	2.52	0.650	1.32	3.44	1.15 B	14
15	0.420B	0.390B	0.450B	7.72	9.39	0.963	2.58	2.46	0.567	1.18	3.26	1.10 B	15
16	0.410B	0.380B	0.435B	7.40	8.77	0.937	2.21	6.48	0.561	1.07	3.13	1.05 B	16
17	0.400B	0.374B	0.425B	7.05	5.85	0.886	1.66	5.59	0.468	0.848	2.84	1.00 B	17
18	0.430B	0.370B	0.415B	6.59	4.83	1.28	1.60	3.66	0.551	0.877	2.58	0.950B	18
19	0.540B	0.365B	0.405B	6.71	4.18	1.03	1.48	2.84	0.775	1.04	2.44	0.950B	19
20	0.520B	0.360B	0.400B	6.66	3.81	0.881	1.48	2.26	0.569	1.39	2.36B	0.920B	20
21	0.505B	0.355B	0.380B	6.34	3.38	0.804	1.25	1.66	0.588	1.44	2.10B	0.900B	21
22	0.485B	0.350B	0.364B	6.22	3.02	0.768	1.11	1.73	0.662	1.33	1.90B	0.860B	22
23	0.480B	0.345B	0.360B	6.06	2.66	0.738	0.966	1.81	0.617	5.05	1.72B	0.850B	23
24	0.470B	0.340B	0.370B	5.74	2.56	0.665	0.855	1.44	0.572	6.38	1.61B	0.825B	24
25	0.465B	0.335B	0.400B	6.16	2.41	0.618	0.681	1.37	0.560	10.4	1.50B	0.800B	25
26	0.440B	0.331B	0.850B	5.90	3.81	1.84	0.615	1.58	0.537	10.9	1.40B	0.780B	26
27	0.430B	0.326B	2.35 B	8.59	4.12	1.74	0.600	1.35	0.483	7.06	1.61B	0.760B	27
28	0.420B	0.325B	6.00 B	11.1	3.43	1.35	0.785	1.20	0.468	5.27	3.00B	0.740B	28
29	0.410B	0.320B	10.7 B	11.2	2.83	1.11	0.695	1.06	0.484	4.39	5.55B	0.720B	29
30	0.400B		14.5 B	13.8	2.55	3.84	0.654	1.04	0.460	3.65	5.60B	0.700B	30
31	0.460B		11.4 B		2.43		0.586	0.611		3.11		0.680B	31
TOTAL	14.876	11.663	55.218	267.90	303.34	43.006	80.319	60.208	19.656	77.657	150.24	49.686	TOTAL
MEAN	0.480	0.402	1.78	8.80	9.79	1.43	2.59	1.94	0.655	2.51	5.01	1.61	MEAN
MAX	0.610	0.520	14.5	20.5	28.1	3.84	12.1	6.48	0.810	10.9	20.9	5.63	MAX
MIN	0.400	0.320	0.288	5.90	2.41	0.618	0.586	0.485	0.460	0.482	1.40	0.680	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.15
MAXIMUM DAILY, 28.1 ON MAY 6
MINIMUM DAILY, 0.288B ON MAR 12
MAXIMUM INSTANTANEOUS,
29.7 AT 00:02 AST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 24 N
LONG 66 43 47 W
DRAINAGE AREA, 132 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 280	JUL	6 940
FEB	1 010	AUG	5 200
MAR	4 770	SEP	1 700
APR	24 800	OCT	6 730
MAY	26 200	NOV	13 000
JUN	3 720	DEC	4 310

TOTAL DISCHARGE, 99 600 dam³

NORTH BRANCH OROMOCTO RIVER AT TRACY - STATION NO. 01AM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.30B	9.30B	8.70B	85.0	34.3	9.83	2.43	0.888	11.6	1.52	6.60	10.8	1
2	4.21B	7.40B	8.10B	62.7	24.5	7.72	2.45	0.931	7.39	1.45	57.0	15.5	2
3	4.15B	7.65B	7.30B	57.6	19.1	6.69	2.21	0.969	6.22	1.33	78.9	13.4	3
4	4.05B	9.60B	6.60B	56.4	16.2	6.00	2.16	1.63	4.19	1.3	67.1	11.6	4
5	3.95B	9.00B	6.35B	54.4	14.7	5.20	1.86	1.55	4.66	1.24	27.0	9.38	5
6	3.90B	8.20B	6.00B	48.5	13.7	4.71	1.77	1.45	6.42	1.36	19.0	7.88	6
7	3.82B	7.60B	5.60B	39.4	13.0	4.10	1.73	1.16	4.07	1.48	17.0	8.46	7
8	3.76B	6.40B	5.35B	34.9	11.3	3.62	1.61	1.12	3.71	1.56	18.1	7.83	8
9	3.70B	6.25B	5.02B	30.1	10.5	3.27	1.66	1.08	2.86	1.97	13.8	6.07	9
10	3.63B	6.00B	4.74B	26.4	10.1	3.11	1.64	1.08	2.41	4.08	12.2	5.38	10
11	3.58B	6.00B	5.45B	20.6	9.24	2.78	1.64	1.02	2.16	6.42	19.2	5.05B	11
12	3.55B	6.25B	5.28B	24.4	10.2	2.70	1.74	0.810	1.66	6.33	18.1	4.61B	12
13	4.05B	7.60B	5.00B	19.1	10.6	2.46	1.84	0.820	1.64	5.40	14.2	4.18B	13
14	3.85B	14.0 B	4.80B	17.3	9.35	2.23	1.41	0.782	1.70	4.16	19.0	3.85B	14
15	3.66B	17.5 B	4.52B	15.6	8.72	2.26	1.41	1.12	1.56	3.48	14.2	3.60B	15
16	3.72B	20.0 B	4.35B	15.6	8.14	2.10	1.42	1.78	1.47	3.07	12.5	3.30B	16
17	3.86B	21.5 B	4.20B	24.2	10.9	2.08	1.32	1.86	1.35	2.56	12.7	3.05B	17
18	5.00B	15.5 B	4.90B	30.5	71.5	2.23	1.26	1.84	1.40	2.24	24.0	2.85B	18
19	7.40B	14.0 B	4.75B	28.5	43.5	2.10	1.32	1.63	2.70	2.60	16.2	2.65B	19
20	12.6 B	16.0 B	4.60B	21.3	23.9	1.98	1.21	1.16	2.78	5.66	14.2	2.40B	20
21	11.6 B	24.0 B	4.46B	17.9	18.2	1.80	1.17	1.02	3.80	8.02	38.9	2.22B	21
22	10.4 B	21.0 B	4.35B	16.2	13.3	1.94	1.30	1.03	7.71	7.30	42.2	2.05B	22
23	9.40B	18.5 B	4.28B	15.6	11.2	1.82	1.26	0.871	6.08	18.0	24.7	1.80B	23
24	8.60B	16.5 B	4.10B	14.9	9.62	1.84	1.26	0.782	4.77	18.9	14.7 B	2.00B	24
25	8.00B	14.5 B	5.00B	36.4	8.71	1.77	1.30	0.912	3.40	44.0	8.24B	3.25B	25
26	8.80B	13.0 B	20.0 B	61.4	14.2	1.67	1.33	6.63	2.56	48.7	7.65B	2.15B	26
27	10.0 B	11.5 B	140 B	62.1	15.2	1.61	1.37	7.03	2.16	28.7	8.14B	2.05B	27
28	8.60B	10.5 B	168	35.3	12.2	1.53	1.33	6.62	1.86	18.7	12.1 B	2.00B	28
29	7.50B	6.80B	121	40.0	9.76	1.55	1.11	4.73	1.76	14.2	24.9	3.50B	29
30	6.50B		88.4	50.1	7.91	2.28	1.04	18.5	1.66	11.6	27.1	3.20B	30
31	6.00B		68.4		8.70		1.01	16.0		9.97		3.00B	31
TOTAL	186.77	354.55	737.81	1 041.0	500.07	95.27	46.93	91.046	107.95	278.95	674.41	168.07	TOTAL
MEAN	6.02	12.2	23.8	34.7	16.2	3.18	1.51	2.94	3.60	9.00	22.5	5.42	MEAN
MAX	12.6	24.0	168	85.0	71.5	9.83	2.45	18.5	11.6	48.7	78.9	15.5	MAX
MIN	3.55	6.36	4.10	14.9	7.91	1.53	1.01	0.782	1.35	1.24	7.65	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 168 ON MAR 28
MINIMUM DAILY, 0.782 ON AUG 14
MAXIMUM INSTANTANEOUS,
188 AT 00:58 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 28 N
LONG 66 40 58 W
DRAINAGE AREA, 557 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 100	JUL	4 050
FEB	30 600	AUG	7 870
MAR	63 800	SEP	9 330
APR	89 900	OCT	24 100
MAY	43 200	NOV	58 300
JUN	8 230	DEC	14 500

TOTAL DISCHARGE, 370 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "NORTHWEST OROMOCTO RIVER AT TRACY" TO 1985

NEW BRUNSWICK

NORTHWEST MIRAMICHI RIVER AT TROUT BROOK - STATION NO. 01BO001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.30B	4.40B	3.62E	35.0B	88.9	15.4	19.2	4.45	5.38	4.72	20.7	35.9	1
2	5.10B	4.60B	3.78E	48.0B	58.9	18.4	21.2	3.82	7.48	4.71	41.8	27.1	2
3	5.85B	4.60B	3.78E	70.0A	48.8	14.8	19.4	3.42	7.32	5.30	108	23.7	3
4	5.85B	4.65B	3.73E	75.7	48.1	13.4	18.9	3.84	7.08	5.28	71.9	21.8	4
5	5.85B	4.55B	3.70E	87.6	54.4	11.9	12.5	4.38	7.78	5.88	48.2	17.5	5
6	5.50B	4.50B	3.67E	73.9	57.0	11.7	10.7	5.45	10.3	6.52	47.3	14.0 B	6
7	5.30B	4.40B	3.64E	58.2	74.3	11.1	9.83	5.72	8.88	7.18	57.5	23.0 B	7
8	5.15B	4.35B	3.61E	53.7	85.9	10.7	11.0	18.2	7.80	7.05	48.6	17.0 B	8
9	5.05B	4.30B	3.58E	53.8	55.0	10.2	10.8	20.3	8.46	6.83	41.8	14.0 B	9
10	4.90B	4.25B	3.55E	76.8	50.1	9.65	9.81	14.2	8.81	9.16	36.1	12.0 B	10
11	4.75B	4.15B	3.52B	103	48.8	9.19	14.5	9.78	8.42	10.5	38.3	11.0 B	11
12	4.85B	4.10B	3.48B	72.2	46.1	8.82	11.5	7.87	8.19	13.7	35.5	10.3 B	12
13	4.85B	4.05B	3.48B	63.0	43.4	8.38	10.2	8.88	8.21	12.7	29.8	9.80B	13
14	4.40B	4.00B	3.42B	44.4	37.4	8.37	9.11	7.83	8.82	10.8	27.8	9.60B	14
15	4.24B	3.95B	3.40B	41.1	32.8	8.31	8.30	7.83	8.46	9.32	27.2	9.30B	15
16	4.15B	3.80B	3.37B	42.8	29.3	8.58	7.78	11.8	4.84	8.51	25.7	8.00B	16
17	4.05B	3.85B	3.34B	43.3	27.0	8.13	7.19	14.0	4.38	7.98	24.2	8.80B	17
18	4.20B	3.80B	3.31B	80.8	26.7	10.8	8.61	10.9	4.84	7.84	26.0	8.60B	18
19	4.60B	4.38B	3.28B	84.4	25.1	8.81	8.88	8.17	7.78	7.70	23.7	8.40B	19
20	5.00B	4.30B	3.25B	89.0	33.1	8.48	8.75	7.88	8.02	9.34	20.9	8.20B	20
21	5.60B	4.25B	3.22B	81.1	21.2	8.28	8.18	8.78	7.84	11.1	18.8B	8.60B	21
22	5.40B	4.20B	3.20B	47.5	19.4	8.07	8.88	8.10	8.88	10.4	17.5B	8.30B	22
23	5.30B	4.15B	3.40B	48.2	17.8	7.83	8.27	8.03	8.10	28.0	16.9B	8.00B	23
24	5.20B	4.10B	3.80B	48.0	18.1	8.88	8.85	5.84	7.38	45.8 E	16.5B	7.80B	24
25	5.05B	4.05B	3.93B	44.9	14.8	8.52	8.51	5.80	8.88	58.3 E	15.8B	7.60B	25
26	4.98B	4.00B	4.30B	41.8	22.8	7.58	8.21	18.8	8.98	51.5 E	15.1B	7.40B	26
27	4.80B	3.95B	5.00B	48.5	26.5	8.11	8.05	20.1	8.30	48.7 A	14.7B	7.20B	27
28	4.60B	3.90B	7.00B	80.4	21.8	7.78	8.78	13.8	8.00	35.7	21.2B	7.00B	28
29	4.70B	3.87B	8.80B	48.0	18.1	8.84	8.70	11.1	4.98	30.8	51.8	8.80B	29
30	4.55B		10.0 B	71.1	16.0	14.5	8.73	10.8	4.92	28.7	48.2	8.60B	30
31	4.50B		18.0 B		15.3		8.02	10.0		22.5		8.70B	31
TOTAL	155.28	121.78	140.85	1 683.8	1 135.3	287.70	288.15	280.81	197.92	526.10	1 035.7	381.80	TOTAL
MEAN	5.01	4.20	4.54	56.5	36.6	9.62	9.62	9.06	6.60	17.0	34.5	12.3	MEAN
MAX	8.30	4.80	18.0	103	74.3	18.4	21.2	20.3	10.3	58.3	108	35.9	MAX
MIN	4.05	3.80	3.20	35.0	14.8	8.52	8.02	3.42	4.38	4.71	14.7	8.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.2
MAXIMUM DAILY, 108 ON NOV 3
MINIMUM DAILY, 3.20B ON MAR 22
MAXIMUM INSTANTANEOUS,
123 AT 02:30 AST ON NOV 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 08 41 N
LONG 65 50 14 W
DRAINAGE AREA, 948 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 400	JUL	25 800
FEB	10 500	AUG	25 100
MAR	12 200	SEP	17 100
APR	148 000	OCT	45 800
MAY	98 100	NOV	89 500
JUN	25 700	DEC	33 000

TOTAL DISCHARGE, 542 000 dam³

PETITCODIAC RIVER NEAR PETITCODIAC - STATION NO. 01BU002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.38B	3.20B	4.48B	28.8	15.8	4.08	1.28	0.448	3.08	0.888	2.77	21.6	1
2	2.32B	3.80B	4.38B	26.8	13.8	3.88	1.42	0.403	1.80	0.868	13.8	19.2	2
3	2.28B	5.60B	4.20B	26.8	13.2	3.37	1.28	0.377	1.18	0.802	21.8	11.8	3
4	2.23B	5.60B	4.05B	28.7	18.4	3.04	1.08	0.402	0.951	0.484	18.8	8.48	4
5	2.18B	5.20B	3.92B	26.7	16.8	2.88	0.908	0.418	2.48	0.883	9.28	8.77	5
6	2.15B	4.70B	3.80B	23.7	11.7	3.80	0.790	0.380	3.48	0.738	8.84	8.82	6
7	2.12B	4.30B	3.65B	17.0	8.21	3.31	0.750	0.388	2.18	0.815	8.61	8.31B	7
8	2.09B	3.80B	3.50B	18.3	7.51	2.88	0.833	0.833	1.33	0.838	8.28	4.63B	8
9	2.02B	3.75B	3.40B	14.8	8.38	2.28	0.885	0.582	1.00	1.14	4.80	4.30B	9
10	2.00B	3.80B	3.88B	32.8	8.81	1.87	0.838	0.885	0.884	1.88	4.89	3.90B	10
11	1.98B	3.38B	4.06B	36.3	4.81	1.70	0.883	0.410	0.782	2.31	8.83	3.70B	11
12	1.88B	3.18B	4.00B	33.1	5.05	1.80	0.853	0.388	0.728	3.47	8.18	3.80B	12
13	1.84B	3.30B	3.78B	18.8	6.17	1.85	0.888	0.384	0.883	3.04	4.31	3.30B	13
14	1.82B	3.85B	3.88B	14.0	4.48	1.38	0.438	0.352	0.888	2.08	8.13	3.20B	14
15	1.90B	3.88B	3.40B	13.0	3.71	1.32	0.411	0.881	0.874	1.70	8.40	3.05B	15
16	1.80B	4.20B	3.28B	18.8	3.32	1.18	0.403	8.88	0.880	1.38	4.28	2.90B	16
17	1.72B	4.42B	3.45B	20.2	3.83	1.10	0.452	8.26	0.822	1.11	4.87	2.80B	17
18	1.88B	4.80B	3.85B	18.8	8.84	1.37	0.438	2.88	0.808	0.910	14.6	2.70B	18
19	2.40B	4.30B	4.00B	14.8	8.87	1.32	0.442	1.85	0.782	0.996	8.73	2.84B	19
20	2.10B	4.00B	4.80B	15.0	4.80	1.11	0.438	1.05	0.838	8.54	8.61	2.88B	20
21	4.40B	4.30B	4.18B	18.4	3.77	1.04	0.428	1.04	1.02	8.88	18.8	2.80B	21
22	8.40B	4.85B	3.80B	18.4	3.38	1.04	0.822	1.88	1.03	8.05	21.4	2.48B	22
23	8.80B	4.88B	3.80B	21.8	2.80	1.21	0.788A	1.12	1.08	8.87	18.3	2.41B	23
24	8.10B	8.30B	3.38B	18.8	2.48	1.84	0.880E	0.883	0.878	8.84	9.27B	2.38B	24
25	4.80B	8.80B	4.80B	25.4	2.81	1.11	0.820E	0.842	0.812	7.48	7.33B	3.48B	25
26	8.20B	8.30B	12.0 B	28.0A	10.4	1.48	0.770E	0.844	0.788	7.17	8.13B	3.15B	26
27	8.80B	8.05B	88.0 B	30.8A	10.0	1.42	0.720E	1.05	0.884	8.17	8.34B	2.80B	27
28	8.80B	4.85B	105	17.3	8.38	1.27	0.746A	1.13	0.834	4.77	12.7	3.70B	28
29	4.60B	3.70B	81.5	18.3	4.44	1.14	0.884	0.880	0.828	8.82	48.8	4.30B	29
30	3.80B		48.4	18.8	3.38	1.12	0.872	3.34	0.880	4.84	33.7	3.80B	30
31	3.88B		32.4		3.19		0.438	8.12		3.88		3.80B	31
TOTAL	88.30	125.81	458.87	818.0	212.87	57.00	31.082	42.731	33.881	150.188	338.49	153.78	TOTAL
MEAN	3.17	4.36	14.8	28.8	8.87	1.90	0.879	1.38	1.12	3.23	11.2	4.88	MEAN
MAX	8.80	8.80	105	34.3	18.4	4.08	1.42	8.88	3.48	8.84	48.8	21.8	MAX
MIN	1.88	3.18	3.28	13.0	2.48	1.04	0.403	0.352	0.880	0.484	2.77	2.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.17
MAXIMUM DAILY, 105 ON MAR 28
MINIMUM DAILY, 0.352 ON AUG 14
MAXIMUM INSTANTANEOUS,
109 AT 03:15 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 58 37 N
LONG 65 10 13 W
DRAINAGE AREA, 381 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 450	JUL	1 820
FEB	10 500	AUG	3 890
MAR	39 500	SEP	2 910
APR	53 500	OCT	8 650
MAY	18 400	NOV	29 000
JUN	4 820	DEC	13 300

TOTAL DISCHARGE, 195 000 dam³

PISKAHEGAN STREAM NEAR PLEASANT MOUNTAIN - STATION NO. 01AQ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.03 B	2.18B	3.30B	24.2	14.0	4.10	0.858	0.536	5.68	0.807	5.14	9.40	1
2	1.01 B	2.40B	3.05B	21.7	10.8	3.42	0.878	0.447	5.05	0.710	13.8	7.89	2
3	1.00 B	2.70B	2.80B	19.6	8.47	2.83	0.852	0.389	3.98	0.676	23.4	6.46	3
4	0.980B	3.00B	2.65B	18.7	7.08	2.48	0.825	0.415	2.65	0.636	22.1	5.43	4
5	0.970B	2.78B	2.44B	17.6	5.84	2.08	0.879	0.421	3.83	0.801	16.4	3.86	5
6	0.950B	2.54B	2.25B	15.0	4.99	1.78	0.588	0.358	3.98	0.646	10.7	3.21	6
7	0.930B	2.35B	2.06B	12.8	4.17	1.47	0.473	0.307	3.28	0.656	8.68	3.41	7
8	0.910B	2.22B	1.95B	11.3	3.53	1.31	0.404	0.358	2.51	0.848	7.84	2.95	8
9	0.895B	2.10B	1.82B	9.70	2.89	1.12	0.451	0.541	1.93	0.991	7.04	2.25	9
10	0.870B	1.98B	1.80B	8.38	2.67	1.00	0.520	0.483	1.55	2.15	6.13	1.99	10
11	0.850B	1.68B	2.15B	10.3	2.26	0.826	0.510	0.352	1.31	3.82	7.75	1.70 B	11
12	0.850B	1.80B	2.22B	9.11	2.78	0.776	0.885	0.275	1.07	5.02	7.89	1.80 B	12
13	0.840B	2.20B	1.88B	7.88	2.80	0.706	1.00	0.222	0.933	4.61	8.98	1.30 B	13
14	0.870B	3.00B	1.70B	6.35	2.47	0.825	0.870	0.201	0.885	3.39	7.34	1.18 B	14
15	1.08 B	4.00B	1.60B	5.28	2.09	0.805A	0.845	1.10	0.885	2.80	7.10	1.04 B	15
16	1.02 B	5.00B	1.45B	5.27	1.84	0.535A	0.551	2.47	0.783	2.37	6.28	0.880B	16
17	0.880B	7.00B	1.32B	6.75	3.28	0.469	0.522	2.44	0.882	2.02	6.29	0.780B	17
18	0.820B	5.01B	1.26B	7.45	18.7	0.439	0.506	2.19	0.780	1.77	5.54	0.670B	18
19	1.20 B	4.05B	1.22B	7.35	16.2	0.405	0.440	1.54	1.26	2.05	5.19	0.600B	19
20	3.30 B	6.40B	1.42B	8.70	11.1	0.364	0.419	1.09	1.31	3.48	7.82	0.540B	20
21	3.15 B	8.80B	1.50B	5.84	8.24	0.343	0.357	0.827	1.78	4.86	12.8	0.490B	21
22	2.80 B	10.0 B	1.40B	5.18	6.48	0.308	0.508	0.771	3.55	4.71	15.0	0.450B	22
23	2.65 B	8.40B	1.30B	4.69	5.14	0.302	0.581	0.841	3.61	7.93	12.4	0.410B	23
24	2.34 B	7.20B	1.28B	4.48	4.19	0.275	0.852	0.843	2.78	9.02	8.88	0.380B	24
25	2.15 B	6.80B	1.90B	18.4	3.86	0.238	0.878	1.06	2.10	17.2	6.86	0.800B	25
26	2.40 B	5.80B	5.00B	21.6	7.24	0.237	0.840	8.14	1.88	18.8	5.15	0.6102	26
27	2.80 B	4.80B	18.0 B	19.4	8.02	0.237	0.809	8.88	1.33	18.2	5.08	0.5308	27
28	2.45 B	4.20B	84.0 B	15.1	6.74	0.203	0.834	8.88	1.16	10.8	5.81	0.6808	28
29	2.30 B	3.80B	48.0 B	14.8	5.03	0.213	0.898	4.87	1.00	8.81	11.2	0.7508	29
30	2.10 B		44.2	17.3	3.68	0.497	0.701	9.86	0.888	7.41	11.1	0.8808	30
31	2.00 B		29.7		3.88		0.606	11.1		6.28		0.8408	31
TOTAL	48.405	124.89	244.88	358.12	180.00	30.277	20.127	70.447	68.126	182.329	290.01	63.270	TOTAL
MEAN	1.56	4.31	7.89	12.0	5.13	1.01	0.649	2.27	2.27	4.81	9.87	2.04	MEAN
MAX	3.30	10.0	84.0	24.2	18.7	4.10	1.00	11.1	5.68	18.8	23.4	9.40	MAX
MIN	0.840	1.80	1.22	4.48	1.84	0.203	0.387	0.201	0.882	0.801	5.08	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.54
MAXIMUM DAILY, 84.0B ON MAR 28
MINIMUM DAILY, 0.201 ON AUG 14
MAXIMUM INSTANTANEOUS,
74.8 AT 23:40 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 05 N
LONG 66 53 13 W
DRAINAGE AREA, 197 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 180	JUL	1 740
FEB	10 800	AUG	6 090
MAR	21 100	SEP	5 880
APR	31 000	OCT	13 200
MAY	15 400	NOV	25 100
JUN	2 620	DEC	5 470

TOTAL DISCHARGE, 144 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "PISKAHEGAN RIVER NEAR PLEASANT MOUNTAIN" TO 1985

POINT WOLFE RIVER AT FUNDY NATIONAL PARK - STATION NO. 01BV005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	1.30B	4.00B	13.4	11.0	3.20	1.46	1.71	2.88	1.15	4.84	11.3	1
2	1.17 B	1.80B	3.68B	12.8	9.80	2.89	1.52	1.70	2.33	1.07	46.1	7.80	2
3	1.13 B	2.30B	3.68B	13.3	7.98	3.00	1.08	1.36	1.74A	1.02	27.1	5.87	3
4	1.12 B	3.10B	3.20B	17.5	8.76	2.58	0.918	1.36	1.63E	0.938	14.1	4.85	4
5	1.09 B	4.00B	3.00B	16.5	10.6	2.54	0.728	1.85	4.80E	1.26	9.83	3.82	5
6	1.07 B	3.10B	2.60B	13.0	9.98	2.82	0.848	1.28	4.80E	1.47	8.34	3.40 B	6
7	1.03 B	2.75B	2.63B	11.8	9.71	2.31	0.826	1.13	4.15E	1.21	7.26	3.00 B	7
8	1.01 B	2.38B	2.50B	11.0	7.94	2.05	0.808	2.08	3.50E	1.05	6.88	2.78 B	8
9	0.980B	2.05B	2.35B	8.85	8.52	1.78	0.874	2.10	3.00E	0.978	5.08	2.47 B	9
10	0.970B	1.78B	2.25B	10.7	5.78	1.74	0.498	1.44	2.60E	1.16	4.83	2.18 B	10
11	0.850B	1.55B	2.15B	9.07	5.45	1.58	0.484	1.22	2.35E	1.82	9.83	1.98 B	11
12	0.830B	1.32B	2.80B	8.81	5.95	1.30	0.488	1.10	1.87A	2.88	8.37	1.80 B	12
13	0.800B	1.60B	3.80B	8.78	5.14	1.28	0.503	0.714A	2.07	2.38	4.89	1.88 B	13
14	0.880B	1.80B	2.80B	8.17	4.24	1.24	0.440	0.852E	2.73	1.63	18.0	1.67 B	14
15	0.870B	2.30B	2.48B	4.92	3.89	1.20	0.418	1.83 A	2.20	1.48	9.98	1.47 B	15
16	0.850B	3.01B	1.67	7.34	3.21	1.02	0.357	3.88	1.81	1.44	8.87	1.38 B	16
17	0.830B	3.32B	1.88B	10.8	3.52	0.884	0.288	2.83	1.84	1.33	8.38	1.30 B	17
18	1.00 B	3.00B	1.58B	7.88	4.93	1.28	0.328	2.20	1.80	1.24	8.18	1.28 B	18
19	1.80 B	2.50B	1.52B	10.6	3.86	1.18	0.335	1.73	3.88	1.98	8.87	1.19 B	19
20	2.80 B	2.28B	1.47B	9.81	3.18	1.01	0.329	1.28	2.45	4.78	8.28	1.13 B	20
21	2.10 B	2.80B	1.40B	7.48	2.95	0.935	0.305	1.18	2.05	3.31	8.27	1.08 B	21
22	1.80 B	3.80B	1.38B	8.45	2.82	0.853	1.17	1.43	2.39	2.81	18.4	1.04 B	22
23	1.88 B	5.00B	1.29B	8.87	2.65	1.82	1.12	1.20	2.00	10.0	8.38	0.980B	23
24	1.48 B	6.80B	1.23B	7.22	2.36	1.58	0.882	1.04	1.73	8.71	8.40	0.880B	24
25	1.37 B	8.20B	1.20B	7.88	2.85	1.07	2.85	1.24	1.82	12.4	8.38	1.40 B	25
26	1.72 B	8.65B	2.20B	8.77	8.74	1.57	1.83	3.09	1.23	8.88	4.77	1.85 B	26
27	2.12 B	8.20B	34.3	10.8	8.43	1.73	1.14	2.48	1.11	7.17	3.87	1.40 B	27
28	1.90 B	4.80B	27.8	11.1	3.83	1.34	12.5	1.88	1.21	6.12	4.87	2.28 B	28
29	1.70 B	4.33B	18.1	14.0	3.23	1.11	5.36	1.55	1.28	13.8	57.7	2.50 B	29
30	1.58 B		11.8	13.8	2.98	1.10	2.78	8.08	1.19	7.82	20.8	3.30 B	30
31	1.38 B		11.8		2.82		2.02	4.23		5.83		3.08 B	31
TOTAL	40.880	91.13	173.82	300.88	173.78	50.022	44.498	61.037	59.32	116.208	347.88	62.980	TOTAL
MEAN	1.32	3.14	5.61	10.0	5.61	1.67	1.44	1.97	2.31	3.75	11.6	2.88	MEAN
MAX	2.80	8.80	37.8	17.8	11.0	3.20	12.5	8.08	4.80	13.8	57.7	11.3	MAX
MIN	0.830	1.22	1.20	4.92	2.36	0.853	0.288	0.714	1.11	0.838	3.87	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.24
MAXIMUM DAILY, 57.7 ON NOV 29
MINIMUM DAILY, 0.288 ON JUL 17
MAXIMUM INSTANTANEOUS,
133 AT 00:09 AST ON NOV 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 32 N
LONG 65 01 02 W
DRAINAGE AREA, 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 540	JUL	3 840
FEB	7 870	AUG	5 270
MAR	15 000	SEP	5 890
APR	28 000	OCT	10 000
MAY	15 000	NOV	30 100
JUN	4 330	DEC	7 170

TOTAL DISCHARGE, 134 000 dam³

NEW BRUNSWICK

RENOUS RIVER AT MCGRAW BROOK - STATION NO. 01BO002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.94B	3.54B	3.80B	88.0B	42.5	9.08	10.6	3.07	8.32	4.46	18.3	23.9	1
2	4.80B	3.46B	3.50B	82.0B	37.9	8.38	9.81	2.83	7.48	4.06	48.2	20.9	2
3	4.65B	3.80B	3.40B	80.0B	33.7	7.73	8.88	2.88	8.21	4.26	87.8	18.7	3
4	4.48B	4.15B	3.26B	70.0B	32.4	7.10	7.84	2.88	8.36	4.14	54.6	18.7	4
5	4.28B	4.40B	3.15B	58.0B	36.4	8.42	8.37	3.87	10.1	4.02	38.1	18.4 B	5
6	4.15B	4.28B	3.04B	47.0B	41.4	9.83	9.83	3.88	13.1	4.47	34.8	15.4	6
7	4.00B	4.20B	3.00B	42.6	80.1	9.14	9.17	4.15	10.2	4.88	38.0	14.8 B	7
8	3.88B	4.12B	2.97B	38.8	48.7	4.78	4.89	18.0	8.34	4.40	32.2	14.2	8
9	3.78B	4.02B	2.82B	41.4	36.0	4.83	4.32	14.8	7.18	4.84	29.1	12.6	9
10	3.84B	3.80B	2.72B	50.7	30.3	4.26	4.37	10.6	6.66	8.14	25.6	12.0	10
11	3.52B	3.80B	3.00B	53.3	27.4	4.24	15.2	7.73	5.88	6.86	29.9	11.2 B	11
12	3.43B	3.70B	3.18B	40.1	25.7	4.08	13.8	6.82	5.63	9.18	28.2	10.7 B	12
13	3.32B	3.66B	3.00B	33.0	24.2	3.88	11.5	5.14	5.18	8.04	24.5	10.2 B	13
14	3.22B	3.58B	2.95B	30.1	20.9	5.41	8.38	5.02	5.57	7.20	22.7	9.80B	14
15	3.16B	3.50B	2.90B	28.0	18.4	8.85	8.40	5.85	4.98	8.41	22.8	9.60B	15
16	3.10B	3.42B	3.05B	28.7	15.3	8.84	8.85	26.0	4.81	5.73	21.0	9.10B	16
17	3.00B	3.35B	3.25B	28.6	14.8	8.18	8.18	27.7	4.45	5.38	20.1	8.80B	17
18	3.22B	3.30B	3.60B	30.6	15.6	7.21	8.10	17.4	4.82	5.22	22.6	8.50B	18
19	3.43B	3.20B	3.80B	34.6	14.4	8.07	4.77	11.6	8.21	5.72	20.0	8.30B	19
20	3.84B	3.15B	3.80B	40.3	12.8	5.28	8.18	8.34	7.38	7.18	18.6	8.00B	20
21	4.05B	3.25B	3.80B	34.2	12.0	8.34	7.84	7.81	7.15	8.04	17.8B	7.70B	21
22	4.80B	3.48B	3.25B	30.3	11.1	5.07	8.28	7.12	8.87	7.04	17.0B	7.40B	22
23	4.48B	3.70B	3.20B	28.6	9.77	4.88	5.38	8.84	7.71	16.5	16.1	7.20B	23
24	4.30B	3.88B	3.80B	30.6	9.52	4.18	4.87	8.90	8.87	23.5	14.8	8.80B	24
25	4.13B	4.20B	4.20B	30.8	8.87	3.72	4.10	8.41	8.01	43.5	13.7	8.70B	25
26	4.02B	4.15B	8.00B	31.3	13.7	5.20	3.85	24.8	5.28	48.1	13.4	8.50B	26
27	3.85B	3.85B	22.0 B	36.8	15.2	5.85	3.80	22.8	5.11	30.7	13.8	8.30B	27
28	3.83B	3.80B	60.0 B	37.1	12.7	5.05	3.83	15.4	4.90	24.8	18.7	8.20B	28
29	3.78B	3.75B	84.0 B	37.0	10.7	4.79	4.24	12.2	4.80	23.0	37.0	8.00B	29
30	3.88B		78.0 B	45.4	8.17	10.3	3.82	11.2	4.70	20.8	30.1	5.80B	30
31	3.59B		74.0 B		8.08		3.80	9.80		18.8		5.80B	31
TOTAL	118.86	108.77	388.83	1 231.9	710.81	174.77	205.80	317.83	207.02	375.32	818.7	332.10	TOTAL
MEAN	3.87	3.78	12.8	41.1	22.8	5.83	8.84	10.3	8.80	12.1	27.3	10.7	MEAN
MAX	4.95	4.40	84.0	70.0	80.1	10.3	15.2	27.7	13.1	48.1	87.8	23.9	MAX
MIN	3.00	3.15	2.72	28.8	8.87	3.72	3.80	2.88	4.48	4.02	13.4	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 87.8 ON NOV 3
MINIMUM DAILY, 2.88 ON AUG 3
MAXIMUM INSTANTANEOUS,
111 AT 00:38 AST ON NOV 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 49 17 N
LONG 66 06 53 W
DRAINAGE AREA, 811 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 400	JUL	17 800
FEB	8 400	AUG	27 500
MAR	34 400	SEP	17 800
APR	106 000	OCT	32 400
MAY	61 400	NOV	70 700
JUN	15 100	DEC	28 700

TOTAL DISCHARGE, 432 000 dam³

RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK - STATION NO. 01BJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.0B	27.0B	19.3B	240B	685	173	133 E	86.3	121	83.8	188	137	1
2	43.0B	27.5B	18.9B	360B	536	162	139 E	85.4	118	82.8	181	130	2
3	42.0B	27.0B	18.3B	440B	851	161	135 E	83.3	111	71.1	212	120	3
4	41.0B	26.3B	18.0B	520B	891	141	149 E	83.2	108	85.1	220	114 B	4
5	40.0B	25.7B	17.8B	700B	748	132	180 A	85.7	111	79.8	218	94.0B	5
6	39.0B	25.2B	17.3B	600B	906	128	150	75.2	138	74.8	212	85.0B	6
7	38.0B	24.8B	17.0B	530B	892	120	144	108	128	76.4	218	80.0B	7
8	37.0B	24.2B	16.8B	580B	885	113	142	117	118	74.8	213	86.0B	8
9	36.0B	23.8B	16.4B	880B	780	106	136	109	108	74.6	205	84.8	9
10	36.0B	23.2B	17.0B	840E	688	103	128	101	103	74.8	197	81.0B	10
11	34.3B	22.8B	18.8B	800E	818	97.8	122	97.2	98.2	78.8	206	80.0B	11
12	33.7B	22.3B	18.4B	470E	819	91.9	138	88.8	93.8	78.7	203	49.0B	12
13	33.0B	21.9B	18.1B	440E	848	88.1	137	82.1	88.1	77.1	190	46.0B	13
14	32.3B	21.6B	18.8B	420E	484	85.8	130	81.2	105	75.8	188	47.0B	14
15	31.8B	21.1B	18.7B	400E	431	86.0	126	83.8	101	76.7	185	46.0B	15
15	31.0B	20.8B	18.4B	380E	381	83.2	123	110	88.7	73.8	181	44.0B	16
17	31.0B	20.8B	18.1B	440E	341	78.3	111	132	85.0	72.8	174	43.8B	17
18	31.3B	20.6B	14.8B	468A	344	73.7	103	123	83.2	72.3	182	42.8B	18
19	31.3B	21.3B	14.7B	488	347	71.8	88.4	113	87.1	78.4	178	42.2B	19
20	30.7B	21.8B	14.4B	508	320	89.3	90.8	104	87.8	85.1	171	42.0B	20
21	31.2B	22.2B	14.1B	474	288	88.1	88.8	88.4	88.4	82.8	1828	48.0B	21
22	30.7B	21.7B	13.8B	426	277	88.4	81.8	83.0	84.0	78.2	1678	52.8B	22
23	30.0B	22.3B	13.6B	387	282	88.2	78.1	87.3	81.2	82.8	1488	50.0B	23
24	29.6B	21.8B	13.7B	401	242	88.4	70.2	82.8	78.3	107	1348	46.0B	24
25	28.8B	21.2B	14.8B	383	222	84.8A	87.3	78.8	77.0	181	1258	47.8B	25
26	27.8B	20.8B	18.0B	380	221	85.7E	88.4	88.8	76.0	275	1228	48.8B	26
27	27.3B	20.8B	18.0B	447	223	82.0E	88.4	123	88.8	288	1288	46.0B	27
28	28.8B	20.0B	22.0B	526	210	137 E	80.0	118	88.0	281	1348	46.8B	28
29	28.1B	19.8B	41.0B	581	182	113 E	83.2	118	87.7	243	148	46.0B	29
30	26.8B		100 B	570	176	105 E	78.8	128	88.0	223	139	44.8B	30
31	26.2B		180 B		173		72.0	126		202		44.0B	31
TOTAL	1 028.6	660.3	778.5	14 248	14 126	2 982.3	3 411.2	2 896.4	2 833.9	3 483.9	5 312	1 881.8	TOTAL
MEAN	33.1	22.8	25.1	475	456	99.4	110	88.7	94.5	113	177	60.7	MEAN
MAX	44.0	27.5	180	700	892	173	180	132	128	288	220	137	MAX
MIN	26.8	19.8	13.7	280	173	55.7	88.4	83.2	88.0	82.8	132	42.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 147
MAXIMUM DAILY, 892 ON MAY 7
MINIMUM DAILY, 13.7B ON MAR 24
MAXIMUM INSTANTANEOUS,
1 010 AT 10:30 AST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 54 29 N
LONG 66 58 51 W
DRAINAGE AREA, 7 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88 800	JUL	285 000
FEB	57 000	AUG	259 000
MAR	67 300	SEP	245 000
APR	1 230 000	OCT	302 000
MAY	1 220 000	NOV	488 000
JUN	358 000	DEC	183 000

TOTAL DISCHARGE, 4 840 000 dam³

NEW BRUNSWICK

RESTIGOUCHE RIVER BELOW KEDGWICK RIVER - STATION NO. 01BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.58	14.18	9.858	80.08	233	85.5	70.1	28.0	58.2	27.4	78.0	51.5	1
2	22.58	13.88	9.708	130 B	234	81.2	70.1	28.4	52.5	27.4	77.5	47.5	2
3	21.98	13.68	9.508	170 B	232	87.6	75.0	25.9	52.6	34.0	88.9	46.1	3
4	21.08	13.28	9.358	250 B	283	83.7	80.4	26.7	48.4	38.2	88.7	43.8	4
5	20.28	13.08	9.208	240 A	303	48.7	74.8	26.2	56.2	33.1	100	38.08	5
6	19.78	12.88	9.058	234	358	47.2	70.8	28.2	58.2	31.8	98.4	34.08	6
7	19.28	12.58	8.808	213	378	46.8	66.8	36.6	57.8	31.8	89.1	42.08	7
8	18.68	12.18	8.758	208	324	43.1	67.1	39.1	52.6	31.4	87.8	39.08	8
9	18.38	11.98	8.608	208	277	41.0	62.3	34.2	49.4	31.8	82.9	36.08	9
10	17.88	11.78	8.008	218	251	39.0	57.1	32.4	46.6	31.8	88.7	34.08	10
11	17.28	11.58	8.808	244	233	37.1	58.3	31.3	44.8	32.1	91.0	32.08	11
12	16.88	11.38	8.508	236	231	34.9	55.8	29.0	42.8	32.7	85.8	30.08	12
13	16.48	11.18	8.408	221	205	33.1	50.6	26.6	46.6	32.6	78.7	28.08	13
14	16.18	11.08	8.208	207	178	33.1	94.2	25.8	50.8	32.0	78.7	28.08	14
15	15.88	10.88	8.108	203	157	35.0	44.7	27.8	46.0	32.2	77.1	27.08	15
16	15.38	10.88	8.008	189	139	32.2	50.4	48.7	41.6	31.8	73.8	26.08	16
17	15.08	10.78	7.908	188	137	28.8	48.5	48.8	38.1	30.8	71.6	25.08	17
18	15.28	10.78	7.808	178	145	26.4	42.8	43.1	36.8	31.3	78.2	24.08	18
19	15.88	11.08	7.708	218	148	28.0	40.7	39.1	41.3	38.1	75.8	24.08	19
20	15.28	11.28	7.808	223	134	28.8	38.8	37.0	39.4	37.1	72.8	28.08	20
21	18.08	11.08	7.508	201	124	26.4	37.0	34.7	38.1	34.6	69.88	25.08	21
22	15.78	10.88	7.408	178	112	28.8	34.6	32.8	38.0	33.0	66.08	25.08	22
23	15.28	11.48	7.308	165	102	26.1	32.8	31.2	38.4	41.0	62.48	24.08	23
24	15.08	11.28	7.208	188	[illegible] B	27.8	31.0	29.8	38.2	52.0	57.88	23.58	24
25	14.78	11.08	8.008	184	[illegible] B	26.0	29.3	31.5	33.7	71.7	53.48	23.08	25
26	14.48	10.88	10.0 B	184	[illegible]	45.1	28.4	58.7	31.7	114	53.48	22.58	26
27	14.28	10.68	30.0 B	168	89.4	85.8	30.8	58.3	30.8	118	53.48	22.08	27
28	13.88	10.48	30.0 B	214	81.4	86.8	38.0	53.2	30.2	105	58.78	21.58	28
29	13.68	10.18	32.0 B	233	74.1	85.8	37.1	56.8	29.0	88.8	58.8	21.08	29
30	13.38		34.0 B	238	68.1	85.8	33.2	58.3	28.2	81.0	53.7	20.58	30
31	13.08		48.0 B		66.8		30.6	58.1		83.3		20.08	31
TOTAL	521.3	338.4	382.40	5 884.0	5 522.1	1 248.8	1 884.2	1 182.8	1 300.8	1 488.4	2 297.3	932.6	TOTAL
MEAN	16.8	11.6	12.3	198	178	41.6	60.8	37.8	43.4	47.9	76.8	30.1	MEAN
MAX	23.5	14.1	48.0	280	378	85.8	80.4	58.3	58.2	118	100	51.5	MAX
MIN	13.3	10.1	7.20	80.0	88.1	25.0	28.4	25.8	28.2	27.4	53.4	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 82.1
MAXIMUM DAILY, 378 ON MAY 7
MINIMUM DAILY, 7.208 ON MAR 24
MAXIMUM INSTANTANEOUS,
388 AT 08:00 AST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 40 00 N
LONG 67 29 03 W
DRAINAGE AREA, 3 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 000	JUL	135 000
FEB	28 100	AUG	100 000
MAR	33 000	SEP	112 000
APR	517 000	OCT	128 000
MAY	477 000	NOV	198 000
JUN	108 000	DEC	80 500

TOTAL DISCHARGE, 1 880 000 dam³

RIVIERE CARAQUET AT BURNSVILLE - STATION NO. 01BL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	1.01 B	0.740B	8.40B	13.2	3.36	3.32	1.14	2.38	1.81	2.88	5.80	1
2	1.01 B	1.08 B	0.720B	8.78	10.8	3.81	4.08	1.08	2.34	1.45	8.85	4.74	2
3	0.980B	1.08 B	0.720B	8.72	10.2	3.28	3.32	1.08	2.81	1.48	14.2	4.22	3
4	0.975B	1.02 B	0.710B	12.3	10.1	2.86	2.88	1.18	2.34	1.47	9.32	3.83	4
5	0.950B	1.00 B	0.700B	14.1	10.3	2.77	2.56	1.12	2.31	1.48	8.59	3.20B	5
6	0.925B	0.980B	0.680B	11.7	10.6	3.86	2.26	1.92	2.31	1.84	8.41	2.80B	6
7	0.920B	0.970B	0.740B	9.80	8.84	3.40	2.06	4.74	2.18	1.78	7.00	3.00B	7
8	0.905B	0.950B	0.780B	9.51	8.37	2.87	1.92	14.8	1.98	1.84	6.18	2.85B	8
9	0.890B	0.930B	0.750B	10.1	7.47	2.84	1.84	9.48	1.81	1.79	5.83	2.60B	9
10	0.875B	0.920B	0.740B	14.2	8.84	2.47	1.78	5.18	1.88	2.80	5.37	2.30B	10
11	0.880B	0.900B	0.800B	15.0	8.38	2.42	1.88	3.80	1.84	2.88	5.21	2.20B	11
12	0.845B	0.880B	0.840B	10.7	8.00	2.30	2.11	2.90	1.80	3.08	4.70	2.15B	12
13	0.830B	0.870B	0.830B	8.84	8.71	2.20	2.82	2.70	1.77	2.70	4.28	2.10B	13
14	0.810B	0.860B	0.810B	7.80	8.23	2.27	2.22	4.38	1.73	2.42	4.18	2.05B	14
15	0.780B	0.840B	0.800B	7.41	4.89	2.15	1.87	4.15	1.88	2.30	4.05	1.97B	15
16	0.760B	0.830B	0.788B	7.28	4.62	2.02	1.78	5.73	1.85	2.19	3.87	1.93B	16
17	0.770B	0.820B	0.770B	8.21	4.33	2.07	1.87	4.71	1.81	2.08	3.89	1.89B	17
18	0.780B	0.807B	0.780B	8.85	4.71	2.36	1.81	3.88	1.87	1.97	4.01	1.85B	18
19	1.00 B	0.780B	0.750B	8.62	4.47	2.12	1.35	3.10	1.88	1.84	3.81	1.82B	19
20	1.12 B	0.760B	0.740B	10.2	4.18	2.01	1.39	2.71	1.81	2.88	3.47	1.88B	20
21	1.11 B	0.820B	0.730B	8.82	3.92	2.07	1.43	2.68	1.78	3.30	3.30B	1.90B	21
22	1.10 B	0.780B	0.725B	11.9	3.72	2.08	1.38	2.35	1.87	2.91	3.27B	1.88B	22
23	1.08 B	0.840B	0.720B	12.2	3.63	1.84	1.61	2.22	1.85	8.31	3.14B	1.82B	23
24	1.08 B	0.830B	0.715B	12.9	3.35	1.74	1.40	2.13	1.78	7.04	3.04B	1.78B	24
25	1.08 B	0.810B	0.820B	10.7	3.27	1.70	1.37	2.11	1.88	8.71	2.98B	1.78B	25
26	1.04 B	0.780B	0.880B	8.52	4.48	2.70	1.32	8.41	1.83	9.08	2.97	1.74B	26
27	1.02 B	0.780B	1.80 B	11.8	4.44	2.81	1.33	8.42	1.89	8.05	2.85	1.70B	27
28	1.00 B	0.770B	3.00 B	13.3	3.82	2.21	1.36	3.88	1.83	4.85	3.82	1.77B	28
29	0.980B	0.760B	3.40 B	11.4	3.44	1.88	1.27	3.21	1.88	4.08	8.40	1.72B	29
30	0.970B		5.00 B	13.8	3.18	2.84	1.26	2.88	1.85	3.85	7.38	1.88B	30
31	0.950B		7.80 B		3.13		1.28	2.84		3.18		1.88B	31
TOTAL	28.435	25.477	40.988	332.14	188.38	74.68	59.43	114.88	58.80	88.84	182.48	75.03	TOTAL
MEAN	0.950	0.878	1.32	10.7	6.08	2.48	1.92	3.71	1.89	3.22	5.88	2.42	MEAN
MAX	1.12	1.08	7.80	15.0	13.2	3.81	4.08	14.8	2.51	8.71	14.2	5.80	MAX
MIN	0.760	0.760	0.680	7.28	3.13	1.70	1.26	1.08	1.85	1.48	3.85	1.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.38
MAXIMUM DAILY, 15.0 ON APR 11
MINIMUM DAILY, 0.680B ON MAR 8
MAXIMUM INSTANTANEOUS,
18.8 AT 20:57 AST ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 42 20 N
LONG 65 08 18 W
DRAINAGE AREA, 173 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 540	JUL	6 130
FEB	2 200	AUG	6 920
MAR	3 540	SEP	4 850
APR	27 600	OCT	8 930
MAY	18 300	NOV	13 200
JUN	6 450	DEC	8 450

TOTAL DISCHARGE, 107 000 dam³

REMARKS - PUBLISHED UNDER THE NAME "SOUTHWEST CARAQUET RIVER AT BURNSVILLE" TO 1985

NEW BRUNSWICK

SAINT JOHN RIVER AT EDMUNDSTON - STATION NO. 01AD004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	135.885	135.281	135.200	---	---	135.165	135.058	134.835	134.815	134.818	135.117	135.382	1
2	135.841	135.270	135.220	---	---	135.085	135.280	134.696	134.720	134.818	135.161	135.338	2
3	135.888	135.284	135.183	---	---	135.048	135.880	134.647	134.722	134.862	135.345	135.284	3
4	135.832	135.282	135.188	---	---	134.980	135.803	134.638	134.675	134.811	135.842	135.208	4
5	135.822	135.275	135.183	---	---	134.922	135.605	134.717	134.881	135.023	135.885	135.103	5
6	135.486	135.348	135.123	---	---	134.884	135.282	134.781	134.728	134.986	135.780	134.885	6
7	135.441	135.384	135.101	---	---	134.806	135.209	134.613	134.772	134.908	135.772	135.002	7
8	135.457	135.428	135.084	---	---	134.781	135.188	134.636	134.787	134.888	135.881	135.024	8
9	135.506	135.462	135.018	---	---	134.747	135.088	134.814	134.730	134.872	135.833	135.088	9
10	135.483	135.413	135.037	---	---	134.721	135.052	134.884	134.884	134.854	135.811	135.780	10
11	135.435	135.327	134.883	---	---	134.888	135.088	134.888	134.825	134.825	135.888	135.788	11
12	135.424	135.348	134.888	---	---	134.881	135.128	134.784	134.693	134.858	135.843	135.835	12
13	135.447	135.303	134.887	---	---	134.884	135.230	134.724	134.695	134.881	135.780	135.822	13
14	135.401	135.258	134.877	---	---	134.707	135.270	134.675	134.867	134.851	135.898	135.828	14
15	135.419	135.231	134.873	---	---	134.719	135.188	134.883	134.880	134.847	135.859	135.872	15
16	135.384	135.244	134.884	---	---	134.710	135.072	134.847	134.678	134.815	135.708	135.536	16
17	135.342	135.236	134.859	---	---	134.894	135.013	135.135	134.691	134.811	135.732	135.401	17
18	135.313	135.252	134.885	---	135.880A	134.885	134.882	135.324	134.612	134.870	135.728	135.403	18
19	135.311	135.211	134.861	---	135.784	134.885	134.895	135.217	134.838	135.008	135.342	135.218	19
20	135.303	135.286	134.853	---	135.744	134.874	134.878	135.077	134.881	134.891	135.724	135.389	20
21	135.300	135.218	134.932	---	135.847	134.885	134.948	134.836	134.705	135.018	135.588	135.311	21
22	135.317	135.186	134.924	---	135.878	134.849	134.900	134.833	134.730	135.004	135.503	135.271	22
23	135.328	135.228	134.937	---	135.809	134.851	134.817	134.783	134.705	135.005	135.408	135.221	23
24	135.301	135.192	134.902	---	135.482	134.830	134.741	134.736	134.678	135.008	135.342	135.218	24
25	135.308	135.183	134.885	---	135.358	134.834	134.703	134.720	134.647	135.182	135.258	135.237	25
26	135.283	135.218	134.908	---	135.343	134.884	134.893	134.888	134.833	135.455	135.162	135.222	26
27	135.332	135.222	134.970	---	135.388	134.883	134.883	134.874	134.841	135.488	135.133	135.185	27
28	135.328	135.182	135.101	---	135.418	134.724	134.697	134.727	134.822	135.374	135.201	135.178	28
29	135.316	135.172	135.178	---	135.463	134.845	134.881	134.787	134.831	135.267	135.280	135.173	29
30	135.284		135.288	---	135.367	134.834	134.898	134.820	134.818	135.211	135.285	135.130	30
31	135.383		135.844A		135.273		134.889	134.848		135.181		135.140	31
MEAN	135.404	135.274	135.051	---	---	134.771	135.017	134.822	134.867	134.867	135.888	135.305	MEAN
MAX	135.888	135.452	135.844	---	---	135.185	135.880	135.324	134.815	135.488	135.833	135.780	MAX
MIN	135.283	135.172	134.885	---	---	134.830	134.889	134.888	134.678	134.818	135.117	134.885	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 40 N
LONG 68 19 38 W

A - MANUAL GAUGE

MINIMUM DAILY, 134.678 ON SEP 18

NATURAL FLOW

DRAINAGE AREA,
15 800 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT PORT KENT - STATION NO. 01AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.68	83.18	80.18	1888	883	217	183	73.8	128	88.2	228	311	1
2	81.68	82.68	49.28	2788	883	184	288	70.2	111	89.7	238	284	2
3	78.38	82.38	48.48	3688	884	177	388	68.0	102	81.8	330	252	3
4	77.88	82.88	47.88	4888	785	183	348	71.4	82.3	141	478	210	S 4
5	76.88	83.78	48.48	7898	770	180	288	103	84.3	202	804	178	S 5
6	74.28	85.78	45.28	1 130	787	140	238	108	108	188	484	181	S 6
7	73.88	87.18	44.88	1 240	778	128	188	108	130	182	488	147	S 7
8	73.68	87.48	43.38	1 180	731	118	173	128	131	181	804	136	S 8
9	73.18	87.78	42.88	1 080	843	111	182	182	110	167	827	128	S 9
10	72.88	88.18	41.18	1 070	878	108	143	187	84.8	138	801	118	S 10
11	71.88	82.88	38.88	1 080	830	88.8	181	148	82.7	122	478	112	S 11
12	71.48	81.78	38.88	1 020	488	83.8	174	124	73.1	142	478	108	S 12
13	71.18	80.88	37.78	932	482	87.8	224	108	70.8	188	438	102	S 13
14	70.88	88.88	36.88	888	433	81.2	233	92.0	88.2	187	402	88.18	14
15	88.88	88.88	36.08	833	418	81.2	188	82.3	78.2	180	388	84.88	15
16	88.48	87.88	34.88	813	384	88.8	171	148	87.4	142	433	82.88	16
17	88.18	87.28	34.08	788	382	83.8	188	274	84.8	140	433	80.88	17
18	88.88	88.88	33.18	711	377	78.8	148	311	88.0	144	438	80.88	18
19	88.28	88.88	32.88	784	411	81.0	138	288	73.8	150	448	80.88	19
20	88.08	88.18	32.38	838	388	82.4	140	212	88.3	178	408	88.28	20
21	87.78	85.28	32.08	788	387	78.8	188	187	82.8	214	378	88.48	21
22	87.78	84.78	31.78	888	328	78.7	152	137	87.4	188	348	82.18	22
23	87.48	84.18	31.48	817	300	78.2	130	117	88.8	188	308	78.38	23
24	87.48	83.88	31.48	831	283	78.3	113	104	80.8	184	284	78.38	24
25	87.48	83.28	31.18	711	281	78.8	101	87.7	84.4	272	244	78.38	25
26	87.48	82.78	38.18	783	281	78.3	83.7	95.4	78.8	382	221	78.38	26
27	88.88	81.88	41.18	838	271	83.8	88.1	88.1	73.8	374	218	77.88	27
28	88.48	81.38	88.88	800	317	88.3	88.2	107	78.8	328	281	78.08	28
29	88.18	80.78	78.08	843	323	121	88.8	118	88.8	288	278	73.88	29
30	84.38		108 S	837	281	182	88.2	132	88.2	284	278	73.88	30
31	83.78		142 S		248		88.4	148		248		78.88	31
TOTAL	2 183.2	1 713.0	1 438.1	24 185	15 195	3 300.8	5 305.5	4 148.8	2 884.8	5 785.7	11 378	3 783.8	TOTAL
MEAN	70.7	88.1	48.1	808	488	118	171	134	88.2	187	378	121	MEAN
MAX	83.8	87.7	142	1 240	883	217	388	311	131	382	827	311	MAX
MIN	83.7	80.7	31.1	188	248	78.8	88.4	88.8	84.8	88.2	218	78.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 221
MAXIMUM DAILY, 1 240 ON APR 7
MINIMUM DAILY, 31.18 ON MAR 25
MAXIMUM INSTANTANEOUS,
1 350 AT 23:15 EST ON APR 8

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 25 N
LONG 68 35 35 W
DRAINAGE AREA, 14 700 km²

S - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	188 000	JUL	458 000
FEB	148 000	AUG	358 000
MAR	124 000	SEP	228 000
APR	2 090 000	OCT	500 000
MAY	1 310 000	NOV	983 000
JUN	285 000	DEC	324 000

TOTAL DISCHARGE, 7 000 000 dam³

SAINT JOHN RIVER AT FREDERICTON - STATION NO. 01AK003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.805	1.323	1.582	3.918	4.084	2.098	1.298	1.266	1.732	---	2.025	2.383	1
2	1.497	1.324	1.531	3.875	4.047	1.912	1.220	1.257	1.646	---	2.462	2.415	2
3	1.447	1.318	1.554	3.923	3.775	1.826	---	1.264	1.506	1.110A	2.732	2.281	3
4	1.923	1.426	1.574	4.038	3.582	1.821	---	1.257	1.383	1.124	2.525	2.141	4
5	1.889	1.583	1.384	4.077	3.407	1.511	---	---	1.369	1.449	2.695	2.067	5
6	2.071	1.888	1.304	4.353	3.487	1.833	---	---	1.325	1.588	2.568	1.769	6
7	1.898	1.505	1.327	4.647	3.803	1.702	---	---	1.350	1.521	2.401	1.716	7
8	1.810	1.501	1.488	4.590A	3.252	1.624	---	---	1.363	1.331	2.559	1.739	8
9	1.391	1.549	1.393	4.280A	3.326	1.524	---	---	1.397	1.085	2.734	1.674	9
10	1.324	1.510	1.324	4.184	3.241	1.481	---	---	1.341	1.097	2.837	1.778	10
11	1.368	1.595	1.523	4.376	3.089	1.384	---	---	1.228	1.145	2.843	1.581	11
12	1.250	1.741	1.540	4.442	2.835	1.231	---	---	1.275	1.178	2.951	1.882	12
13	1.209	1.723	1.204	4.250	2.975	1.383	---	---	1.325	1.122	2.804	2.032	13
14	1.783	1.456	1.130	4.141	2.780	1.385	---	---	1.196	1.136	2.354	1.708	14
15	2.175	1.344	1.155	4.073	2.836	1.337	---	---	1.199	1.141	2.586	1.548	15
16	1.439	1.472	1.209	4.080	2.878	1.284	---	---	1.157	1.084	2.594	1.627	16
17	1.238	1.613	1.214	4.080	2.566	1.237	---	---	1.031	1.058	2.518	1.472	17
18	1.238	1.551	1.283	4.200	2.810	1.119	---	1.380A	1.010	1.005	2.410	1.327	18
19	1.317	1.737	1.375	4.148	2.697	1.086	---	1.451	---	1.039	2.568	1.414	19
20	1.517	1.794	1.384	3.959	2.480	1.102	1.276A	1.453	---	1.084	2.428	1.533	20
21	1.848	1.881	1.810	3.758	2.240	1.045	1.260	1.281	---	1.289	2.443	1.388	21
22	1.824	2.112	1.949	3.779	2.195	1.083	1.276	1.257	---	1.886	2.608	1.297	22
23	1.715	1.953	1.529	3.749	2.082	1.096	1.332	1.168	1.110A	1.611	2.622	1.314	23
24	1.753	1.795	1.389	3.517	2.157	0.933	1.376A	1.265	1.119	1.617	2.666	1.352	24
25	1.748	1.797	1.661	3.709	1.974	0.982	1.382A	1.492	1.181	1.716	2.626	1.553	25
26	1.997	1.821	1.836	3.900	2.132	1.058	1.193	1.515	1.280	2.300	2.145	1.481	26
27	2.174	1.580	2.987	3.857	1.985	1.157	1.202	1.566	---	2.499	1.982	1.383	27
28	2.058	1.581	3.877	3.875	1.930	1.309	1.151	1.566	---	2.288	1.915	1.301	28
29	1.880	1.577	3.806	4.012	1.788	1.162	1.148	1.725	---	2.130	2.359	1.324	29
30	1.535		3.304	4.071	1.846	1.440	1.200	1.583	---	1.889	2.636	1.229	30
31	1.371		3.872		1.848		1.188	1.627		2.024		1.244	31
MEAN	1.636	1.612	1.782	4.072	2.752	1.380	---	---	---	---	2.507	1.848	MEAN
MAX	2.175	2.112	3.877	4.590	4.084	2.098	---	---	---	---	2.951	2.415	MAX
MIN	1.209	1.318	1.130	3.517	1.788	0.933	---	---	---	---	1.915	1.229	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.590A ON APR 8
MINIMUM DAILY, 0.933 ON JUN 24
MAXIMUM INSTANTANEOUS,
4.703 AT 08:10 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 54 N
LONG 66 38 42 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT GRAND FALLS - STATION NO. 01AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	143 B	97.8B	81.7B	274B	1 430	365	285	137	171	157 A	348	425	1
2	134 B	98.0B	65.0B	378B	1 370	320	369	122	182	86.2A	399E	433	2
3	171 B	119 B	55.3B	478B	1 280	300	498	123	166	158 E	548E	393E	3
4	148 B	113 B	64.8B	639B	1 220	254	505	146	182	187 E	564E	348E	4
5	147 B	90.8B	67.6B	909A	1 220	241	459	136	80.0A	198 A	682E	251E	5
6	131 B	111 B	71.0B	1 290A	1 240	235	419	185	178 A	238 A	708E	210E	6
7	133 B	105 B	60.3B	1 610	1 230	221	371	212	202 A	225 E	659	205E	7
8	140 B	119 B	61.4B	1 820	1 170	213	349	215	181 A	205 E	656	245E	8
9	117 B	133 B	61.1B	2 000	1 070	168	330	214	150 E	208 E	730	232E	9
10	124 B	127 B	68.3B	1 580	974	170	299	212	151 E	211 A	726	209E	10
11	142 B	134 B	77.5B	1 580	853	148	300	211	132 E	205 A	723	189E	11
12	139 B	122 B	53.6B	1 540	817	91.0	316	195	141 E	205 A	683	179E	12
13	125 B	121 B	26.1B	1 400	754	141	360	157	136 E	198 A	648	161E	13
14	162 B	113 B	53.4B	1 310	705	175	395	139	135 E	208 A	615	118	14
15	148 B	92.9B	53.8B	1 280	650	202	358	122	89.9E	197 A	597	169	15
16	120 B	100 B	50.4B	1 240	630	177	311	204	107 E	140 E	586	199	16
17	111 B	83.0B	55.0B	1 200	591	131	277	266	95.9E	177	621	200	17
18	127 B	76.1B	74.7B	1 150	593	144	267	391	117 E	193	641	164	18
19	131 B	85.0B	52.7B	1 200	613	142	237	382	137 E	203	620	166	19
20	131 B	96.7B	55.0B	1 280	615	141	229	304	130 E	231	601	155A	20
21	112 B	103 B	115 B	1 210	575	158	209	257	143 E	238	584	138	21
22	124 B	96.8B	51.1B	1 100	542	142	247	213	178 E	248	515	152A	22
23	103 B	84.7B	40.3B	1 020	495	163	218	193	128 E	263	464	150	23
24	115 B	82.5B	57.0B	1 000	460	148	215	195	143 E	290	412	158A	24
25	115 B	81.1B	71.4B	1 060	424	162	203	206	120 E	345	340	136	25
26	131 B	81.6B	112 B	1 150	431	185	170	208	131 E	474	323	129A	26
27	113 B	73.2B	104 B	1 220	437	211	132	185	122 E	520	341	136	27
28	121 B	70.2B	119 B	1 300	436	199	109	166	143 E	463	364	127	28
29	93.6B	66.0B	177 B	1 350	463	182	113	167	142 E	436	441	152	29
30	81.4B		164 B	1 380	433	203	151	123	107 E	407	420	132A	30
31	73.8B		184 B		405		126	171		375		129	31
TOTAL	3 916.6	2 911.8	2 446.2	35 887	24 146	5 730.0	8 832	6 166	4 178.6	7 889.2	16 581	6 188	TOTAL
MEAN	126	100	78.9	1 200	779	191	285	199	139	254	553	200	MEAN
MAX	171	134	184	2 000	1 430	365	505	391	202	520	730	433	MAX
MIN	73.8	70.2	26.1	274	405	91.0	109	122	80.0	86.2	323	118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 341
MAXIMUM DAILY, 2 000 ON APR 9
MINIMUM DAILY, 26.1B ON MAR 13
MAXIMUM INSTANTANEOUS,
2 480 AT 06:40 AST ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 24 N
LONG 67 44 30 W
DRAINAGE AREA, 21 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1930

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	338 000	JUL	763 000
FEB	252 000	AUG	533 000
MAR	211 000	SEP	361 000
APR	3 100 000	OCT	682 000
MAY	2 080 000	NOV	1 430 000
JUN	495 000	DEC	534 000

TOTAL DISCHARGE, 10 800 000 dam³

NEW BRUNSWICK

SAINT JOHN RIVER AT HARTLAND SALMON POOL - STATION NO. 01AJ003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.134	41.074	41.120	42.408	42.387	40.743	40.414	40.247	40.321	---	40.888	40.808	1
2	41.884	41.037	41.300	42.488	42.343	40.482	40.585	40.218	40.324	---	40.922	41.013	2
3	41.884	41.181	41.019	42.738	42.184	40.487	40.842	40.224	40.188	---	40.788	40.823	3
4	42.287	41.848	41.020	42.813	42.078	40.415	40.908	40.330	40.248	---	40.884	40.778	4
5	41.935	41.334	41.081	43.080	42.088	40.482	40.888	40.389	40.387	40.520	41.100	40.788	5
6	42.088	41.444	41.018	42.818	42.121	40.882	40.808	40.353	40.388	40.092	41.125	40.848	6
7	41.784	41.337	41.074	43.188	42.070	40.501	40.887	40.457	40.457	39.892	41.214	41.401	7
8	42.031	41.338	41.028	43.201	42.023	40.383	40.882	40.788	40.525	---	41.345	41.733	8
9	41.870	41.487	41.044	43.418	41.918	40.287	40.887	40.773	40.483	39.487	41.447	41.825	9
10	41.815	41.375	40.947	42.947	41.780	40.030	40.387	40.870	40.419	39.890	41.398	42.010	10
11	41.881	41.320	41.184	43.044	41.880	40.148	40.414	40.445	40.433	39.723	41.484	42.548	11
12	41.481	41.501	41.211	42.938	41.484	40.088	40.388	40.484	40.383	39.821	41.263	42.670	12
13	41.806	41.535	40.783	42.788	41.477	40.280	40.801	40.308	40.471	39.872	41.143	42.174	13
14	42.118	41.361	40.758	42.578	41.408	40.081	40.801	40.183	40.408	40.025	41.208	41.818	14
15	42.178	40.887	40.780	42.448	41.318	40.037	40.448	40.218	---	39.858	41.158	41.788	15
16	41.288	41.384	40.743	42.334	41.281	40.185	40.883	40.474	---	40.098	41.110	41.715	16
17	41.240	41.382	40.708	42.303	41.187	40.204	40.518	40.882	---	40.088	41.088	42.034	17
18	41.120	41.087	40.880	42.188	41.185	40.239	40.885	40.803	---	40.122	41.129	41.879	18
19	41.548	41.286	40.808	42.173	41.083	40.388	40.872	40.828	---	40.371	41.103	41.782	19
20	41.775	41.348	40.887	42.408	41.138	40.487	40.844	40.801	---	40.880	41.128	41.488	20
21	41.475	41.086	41.288	42.351	41.087	40.528	40.872	40.828	---	40.518	41.037	41.537	21
22	41.785	41.830	41.208	42.198	41.103	40.548	40.888	40.834	---	40.512	41.020	41.738	22
23	41.448	41.287	40.787	42.014	40.927	40.502	40.844	40.848	---	40.272	40.912	41.488	23
24	41.478	41.057	40.586	41.878	40.973	40.498	40.448	40.493	---	40.373	40.722	41.473	24
25	41.883	41.044	40.897	41.894	40.832	40.585	40.488	40.538	---	40.538	40.728	41.838	25
26	41.875	41.251	41.037	42.084	40.838	40.575	40.518	40.401	---	41.084	40.333	41.347	26
27	41.788	41.188	41.838	42.088	40.781	40.518	40.488	40.482	---	41.078	40.078	41.248	27
28	41.844	41.088	42.188	42.188	40.771	40.488	40.438	40.407	---	40.727	40.533	41.310	28
29	41.488	41.248	42.358	42.183	40.908	40.500	40.388	40.408	---	40.712	40.887	41.272	29
30	41.488		42.348	42.287	40.988	40.480	40.318	40.258	---	40.788	41.108	41.318	30
31	40.888		42.148		40.871		40.248	40.323		40.884		41.281	31
MEAN	41.893	41.283	41.154	42.532	41.421	40.394	40.548	40.483	---	---	41.018	41.538	MEAN
MAX	42.287	41.848	42.358	43.418	42.387	40.743	40.988	40.788	---	---	41.484	42.670	MAX
MIN	40.888	40.887	40.588	41.878	40.781	40.030	40.248	40.183	---	---	40.078	40.778	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 67 31 46 W

MAXIMUM DAILY, 43.418 ON APR 8
MINIMUM DAILY, 39.487 ON OCT 9
MAXIMUM INSTANTANEOUS,
43.718 AT 13:39 AST ON APR 3

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION - STATION NO. 01AK003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.072	3.022	3.807	5.912	5.388	4.720	3.418	3.447	3.838	3.513	4.451	4.442	1
2	3.220	3.185	3.498	6.078	5.367	4.188	3.378	3.338	3.957	3.113	5.082	4.748	2
3	3.281	3.308	3.781	6.144	5.887	3.947	4.330	3.282	3.442	3.821	4.841	4.488	3
4	4.012	3.487	3.804	6.304	5.678	---	4.248	3.418	3.217	3.781	4.853	4.435	4
5	3.856	3.851	3.225	6.263	5.327	3.380A	4.478	3.870	3.182	4.358	4.812	4.330	5
6	4.488	3.581	3.182	6.808	5.782	---	4.287	3.488	3.482	4.838	4.781	3.803	6
7	4.256	3.582	3.480	7.183	6.040	---	3.834	3.878	3.588	4.407	4.830	3.701	7
8	3.857	3.724	3.518	6.840	5.370	4.080A	4.000	4.032	3.733	3.908	4.887	3.885	8
9	3.070	3.857	3.337	6.488	5.711	3.708	4.234	4.058	3.813	3.188	5.337	4.308	9
10	3.132	3.784	3.288	6.428	5.588	3.548	3.814	4.418	3.487	3.484	5.384	3.820	10
11	3.288	3.713	3.804	6.737	5.883	3.128	4.281	3.888	3.883	3.338	5.288	3.243	11
12	3.188	4.282	3.370	6.884	4.824A	3.128	4.108	3.873	3.883	3.848	5.488	4.428	12
13	3.282	3.784	3.084	6.811	5.501A	3.501	3.848	3.880	3.788	3.370	4.347	4.188	13
14	5.088	3.078	3.018	6.388	5.081	3.818	4.313	3.388	3.358	3.848	4.840	3.884	14
15	4.418	3.480	3.143	6.278	4.820A	3.477	4.188	---	3.703	3.803	5.083	3.348	15
16	3.131	3.738	3.078	6.308	5.128	3.803	3.578	---	3.831	3.388	5.008	3.771	16
17	3.030	3.388	3.188	6.248	4.784	3.188	3.328	---	3.283	3.338	4.808	3.118	17
18	3.021	3.488	3.308	6.388	4.778	3.173	3.848	---	3.178	3.288	4.878	---	18
19	3.228	3.738	3.310	6.228	5.018	3.144	3.831	4.123	3.288	3.523	5.077	---	19
20	3.748	3.483	3.183	5.978	4.804	3.347	3.748	3.882	3.178	3.707	4.818	3.388A	20
21	3.883	3.288	4.243	5.828	4.388	3.880	3.887	3.880	3.388	3.882	4.880	3.328	21
22	3.800	4.387	3.848	5.884	4.420	3.843	3.802	3.733	3.918	4.784	4.488	3.382	22
23	3.488	3.380	3.381	5.887	4.385	3.808	3.738	3.848	3.488	3.883	4.783	3.428	23
24	3.808	3.380	3.530	5.824A	4.703	3.308	3.732	3.872	3.438	3.880	4.818	3.634	24
25	3.811	3.812	3.788	6.144	4.402	3.448	3.883	4.087	3.184	3.841	4.737	3.818	25
26	---	3.388	4.124	6.288	4.883	3.834	3.728	3.843	3.888	5.000	3.428	3.718	26
27	---	3.280	5.421	6.311	---	4.080	3.827	3.887	3.577	4.843	3.328	---	27
28	---	3.482	5.884	6.301	---	3.883	3.472	3.534	3.831	4.882	3.818	---	28
29	---	3.388	4.782	6.383	---	3.885	3.271	4.018	3.344	4.282	4.818	---	29
30	3.234		4.887	6.388	---	4.332	3.388	3.588	3.818	4.244	4.880	3.488	30
31	3.024		5.374		4.318		3.133	3.881		4.388		3.527	31
MEAN	---	3.538	3.732	6.321	---	---	3.808	---	3.504	3.877	4.743	---	MEAN
MAX	---	4.387	5.884	7.183	---	---	4.478	---	3.957	5.000	5.488	---	MAX
MIN	---	3.022	3.018	5.824	---	---	3.133	---	3.178	3.113	3.328	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 24 N
LONG 66 51 53 W

A - MANUAL GAUGE

MAXIMUM DAILY, 7.183 ON APR 7
MINIMUM DAILY, 3.018 ON MAR 14
MAXIMUM INSTANTANEOUS,
7.383 AT 06:40 AST ON APR 7

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MAUGERVILLE - STATION NO. 01AD002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.315	1.150	1.382	3.477	3.880	1.855	1.286	1.171	1.898	1.024	1.818	2.305	1
2	1.232	1.142	1.370	3.408	3.848	1.771	1.251	1.163	1.820	1.001	2.102	2.181	2
3	1.173	1.134	1.405	3.488	3.488	1.708	1.283	1.130	1.443	0.982	2.408	2.088	3
4	1.205	1.198	1.371	3.574	3.322	1.671	1.506	1.120	1.310	0.998	2.280	1.978	4
5	1.607	1.288	1.288	3.830	3.188	1.477	1.529	1.108	1.277	1.104	2.348	1.904	5
6	1.473	1.350	1.210	3.803	3.188	1.512	1.881	1.111	1.225	1.071	2.318	1.708	6
7	1.488	1.282	1.212	4.045	3.234	1.578	1.418	1.128	1.222	1.142	2.187	1.644	7
8	1.378	1.288	1.280	4.085	3.012	1.520	1.412	1.188	1.205	1.058	2.287	1.623	8
9	1.143	1.281	1.213	3.884	3.007	1.488	1.386	1.285	1.308	0.981	2.402	1.881	9
10	1.072	1.207	1.188	3.778	2.931	1.424	1.402	1.371	1.182	1.022	2.487	1.884	10
11	1.020	1.241	1.282	3.804	2.828	1.344	1.443	1.278	1.078	1.083	2.527	1.811	11
12	0.978	1.278	1.280	3.845	2.843	1.303	1.447	1.247	1.102	1.058	2.802	1.807	12
13	0.958	1.381	1.077	---	2.893	1.303	1.377	1.220	1.148	1.004	2.338	1.781	13
14	1.157	1.250	1.055	---	2.578	1.291	1.438	1.178	1.058	1.028	2.188	1.587	14
15	1.583	1.148	1.078	---	2.477	1.273	1.488	1.153	1.024	1.034	2.318	1.485	15
16	1.148	1.284	1.123	---	2.488	1.242	1.380	1.188	1.003	0.983	2.313	1.488	16
17	1.028	1.382	1.152	---	2.383	1.191	1.332	1.201	0.887	0.894	2.284	1.407	17
18	1.041	1.374	1.220	---	2.408	1.086	1.214	1.284	1.026	0.874	2.328	1.305	18
19	1.111	1.502	1.278	---	2.433	1.088	1.217	1.281	0.888	0.978	2.320	1.317	19
20	1.217	1.577	1.308	3.887	2.274	1.080	1.182	1.278	1.014	1.007	2.242	1.408	20
21	1.381	1.575	1.478	3.478	2.093	1.003	1.138	1.170	1.048	1.182	2.252	1.340	21
22	1.478	1.783	1.580	3.480	2.041	1.025	1.117	1.128	1.150	1.428	2.385	1.284	22
23	1.488	1.772	1.348	3.411	1.938	1.008	1.110	1.078	1.178	1.501	2.407	1.240	23
24	1.488	1.648	1.244	3.235	1.930	0.922	1.087	1.108	1.138	1.528	2.433	1.274	24
25	1.447	1.823	1.337	3.325	1.808	0.948	1.047	1.251	1.184	1.838	2.425	1.388	25
26	1.801	1.814	1.480	3.462	1.880	1.002	1.087	1.348	1.171	2.024	2.128	1.352	26
27	1.887	1.483	2.304	3.532	1.832	1.048	1.084	1.408	1.088	2.233	1.867	1.300	27
28	1.884	1.424	3.287	3.557	1.784	1.178	1.087	1.483	1.028	2.113	1.888	1.244	28
29	1.490	1.413	3.207	3.571	1.857	1.128	1.081	1.524	1.003	2.018	2.130	1.228	29
30	1.300		3.013	3.838	1.883	1.331	1.131	1.538	1.058	1.883	2.373	1.141	30
31	1.188		3.284		1.885		1.138	1.808		1.857		1.132	31
MEAN	1.288	1.378	1.888	---	2.522	1.288	1.277	1.248	1.188	1 287	2.280	1.831	MEAN
MAX	1.887	1.783	3.287	---	3.880	1.855	1.581	1.808	1.588	2.233	2.802	2.205	MAX
MIN	0.958	1.134	1.055	---	1.857	0.922	1.047	1.078	0.887	0.874	1.818	1.132	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 4.085 ON APR 8
MINIMUM DAILY, 0.822 ON JUN 24
MAXIMUM INSTANTANEOUS,
4.120 AT 11:32 AST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 58 N
LONG 66 27 40 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT OAK POINT - STATION NO. 01AP003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.108	0.853	1.118	2.178	2.804	1.488	1.142	1.084	1.418	1.038	1.428	1.780	1
2	1.048	0.852	1.102	2.318	2.808	1.518	1.187	1.057	1.343	0.978	1.477	1.885	2
3	1.002	0.843	1.087	2.403	2.801	1.484	1.170	1.034	1.282	0.939	1.880	1.848	3
4	0.980	0.883	1.113	2.501	---	1.418	1.218	0.998	1.180	0.888	1.878	1.824	4
5	1.070	1.022	1.087	2.588	---	1.388	1.230	0.973	1.158	0.888	1.887	1.884	5
6	1.005	1.008	1.018	2.620	---	1.338	1.248	0.883	1.131	0.834	1.742	1.472	6
7	0.973	0.887	1.018	2.884	---	1.388	1.204	0.831	1.104	0.881	1.780	1.423	7
8	0.988	0.870	0.873	2.745	---	1.338	1.158	0.881	1.048	0.878	1.788	1.388	8
9	0.884	0.884	0.880	2.726	---	1.287	1.138	1.000	1.040	1.000	1.788	1.384	9
10	0.909	0.938	1.000	2.884	---	1.244	1.148	1.028	1.082	0.883	1.800	1.380	10
11	0.840	0.884	0.885	2.848	---	1.203	1.140	1.082	1.048	0.884	1.888	1.338	11
12	0.800	0.823	0.908	2.872	---	1.184	1.188	1.081	1.037	1.004	1.881	1.280	12
13	0.808	0.888	0.888	2.722	2.841	1.128	1.188	1.081	1.024	1.008	1.888	1.288	13
14	0.781	1.020	0.818	2.780	2.811	1.110	1.188	1.087	1.082	0.988	1.821	1.243	14
15	0.818	0.988	0.888	2.788	1.870	1.083	1.209	1.020	1.020	0.981	1.773	1.338	15
16	0.870	1.078	0.880	2.822	1.810	1.078	1.212	1.038	0.981	0.824	1.780	1.271	16
17	0.888	1.141	1.047	2.886	1.818	1.080	1.138	1.088	0.814	0.888	1.787	1.234	17
18	0.881	1.218	1.078	2.902	1.886	0.888	1.074	1.088	0.872	0.843	1.787	1.187	18
19	0.888	1.274	1.132	2.918	1.841	0.828	1.057	1.088	0.844	0.848	1.772	1.133	19
20	1.021	1.382	1.177	2.887	1.774	0.858	1.021	1.088	0.818	0.810	1.777	1.117	20
21	1.138	1.448	1.134	2.781	1.873	0.888	0.974	1.032	0.811	0.882	1.887	1.158	21
22	1.187	1.410	1.128	2.838	1.882	0.858	0.950	0.985	0.888	1.088	1.812	1.103	22
23	1.208	1.432	1.082	2.487	1.814	0.887	0.918	0.954	0.883	1.238	1.854	1.084	23
24	1.188	1.382	1.042	2.377	1.484	0.838	0.912	0.911	1.008	1.288	1.885	1.087	24
25	1.187	1.311	0.978	2.378	1.423	0.787	0.924	1.008	1.028	1.418	1.871	1.138	25
26	1.184	1.280	0.887	2.388	1.418	0.788	0.922	1.107	1.084	1.882	1.828	1.113	26
27	1.180	1.184	1.218	2.418	1.408	0.871	0.940	1.188	1.092	1.858	1.788	1.074	27
28	1.138	1.182	1.708	2.443	1.381	0.828	0.877	1.288	1.117	1.703	1.832	1.044	28
29	1.078	1.138	1.884	2.483	1.378	0.878	1.000	1.301	1.107	1.883	1.881	0.887	29
30	1.047		2.022	2.885	1.387	1.0[illegible]	1.012	1.383	1.081	1.887	1.742	0.837	30
31	0.983		2.071		1.382		1.044	1.428		1.808		0.837	31
MEAN	1.005	1.108	1.158	2.812	---	1.108	1.088	1.070	1.050	1.117	1.777	1.378	MEAN
MAX	1.208	1.448	2.071	2.918	---	1.518	1.248	1.428	1.418	1.703	1.878	1.780	MAX
MIN	0.781	0.823	0.888	2.178	---	0.787	0.912	0.811	0.811	0.843	1.428	0.837	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 2.818 ON APR 19
MINIMUM DAILY, 0.781 ON JAN 14
MAXIMUM INSTANTANEOUS,
3.148 AT 03:41 AST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 11 N
LONG 65 04 44 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

SAINT JOHN RIVER AT SAINT JOHN - STATION NO. 01AP005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.118	0.928	1.057	2.072	2.695	1.456	1.136	1.021	1.379	0.888	1.382	1.705	1
2	1.031	0.948	1.048	2.213	2.521	1.519	1.133	1.033	1.265	0.920	1.431	1.844	2
3	0.988	0.962	1.023	2.287	2.530	1.442	1.148	1.012	1.250	0.921	1.591	1.804	3
4	0.998	0.987	1.037	2.383	2.486	1.403	1.181	0.988	1.128	0.888	1.807	1.888	4
5	1.048	1.020	1.047	2.487	2.388	1.384	1.179	0.935	1.085	0.932	1.847	1.901	5
6	0.973	0.981	0.987	2.644	2.278	1.347	1.181	0.910	1.070	0.920	1.872	1.420	6
7	0.937	0.952	0.988	2.589	2.280	1.374	1.173	0.901	1.022	0.942	1.888	1.383	7
8	0.988	0.974	0.947	2.681	2.218	1.383	1.113	0.935	0.981	0.988	1.880	1.354	8
9	0.983	0.933	0.928	2.854	2.112	1.280	1.073	0.985	0.953	0.884	1.702	1.385	9
10	0.891	0.922	0.978	2.939	2.088	1.249	1.088	0.972	0.898	0.903	1.709	1.340	10
11	0.827	0.885	0.951	2.818	2.040	1.181	1.078	1.024	1.039	0.937	1.781	1.288	11
12	0.780	0.867	0.885	2.889	2.027	1.132	1.108	1.030	0.898	0.871	1.831	1.335	12
13	0.807	0.886	0.874	2.826	1.958	1.136	1.145	1.017	0.843	0.878	1.778	1.387	13
14	0.752	0.878	0.903	2.843	1.886	1.083	1.082	1.028	1.008	0.959	1.740	1.308	14
15	0.756	0.858	0.945	2.872	1.818	1.068	1.157	0.988	1.000	0.942	1.718	1.283	15
16	0.876	1.054	0.989	2.702	1.887	1.032	1.148	1.038	0.857	0.902	1.887	1.313	16
17	0.859	1.111	1.041	2.753	1.878	1.030	1.082	1.068	0.887	0.881	1.883	1.188	17
18	0.898	1.157	1.071	2.778	1.886	1.003	1.026	1.098	0.826	0.909	1.724	1.155	18
19	1.000	1.213	1.124	2.778	1.814	0.908	0.989	1.068	0.837	0.885	1.732	1.088	19
20	1.038	1.308	1.188	2.784	1.784	0.849	0.975	1.033	0.802	0.931	1.738	1.093	20
21	1.188	1.361	1.127	2.647	1.837	0.880	0.922	1.018	0.788	0.931	1.889	1.107	21
22	1.208	1.337	1.103	2.557	1.887	0.837	0.920	0.974	0.874	1.082	1.884	1.103	22
23	1.232	1.382	1.083	2.402	1.477	0.858	0.886	0.938	0.917	1.224	1.898	1.044	23
24	1.202	1.322	0.985	2.289	1.418	0.838	0.890	0.927	0.990	1.278	1.925	1.080	24
25	1.173	1.280	0.925	2.304	1.418	0.778	0.901	0.980	1.025	1.402	1.931	1.118	25
26	1.193	1.181	0.925	2.262	1.388	0.773	0.884	1.078	1.048	1.518	1.874	1.103	26
27	1.144	1.138	1.086	2.308	1.378	0.887	0.900	1.182	1.100	1.645	1.726	1.059	27
28	1.118	1.088	1.620	2.345	1.352	0.914	0.933	1.248	1.091	1.624	1.651	1.026	28
29	1.063	1.074	1.867	2.408	1.371	0.870	0.988	1.278	1.088	1.634	1.863	0.988	29
30	1.017		1.932	2.484	1.367	1.038	0.985	1.273	1.029	1.588	1.888	0.909	30
31	0.984		1.988		1.339		1.019	1.388		1.454		0.903	31
MEAN	1.001	1.080	1.118	2.518	1.878	1.088	1.045	1.085	1.013	1.084	1.721	1.238	MEAN
MAX	1.232	1.381	1.868	2.784	2.530	1.618	1.181	1.388	1.378	1.645	1.831	1.705	MAX
MIN	0.752	0.857	0.874	2.072	1.338	0.773	0.884	0.901	0.788	0.808	1.382	0.903	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 1.319
MAXIMUM DAILY, 2.784 ON APR 20
MINIMUM DAILY, 0.752 ON JAN 14
MAXIMUM INSTANTANEOUS,
3.040 AT 02:11 AST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 27 N
LONG 66 05 21 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT SIMONDS - STATION NO. 01AJ003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.852	42.713	42.770	44.331	44.827	42.928	42.348	42.028	42.492	42.182	43.214	42.824	1
2	43.898	42.692	42.837	44.493	44.787	42.884	42.822	42.181	42.380	41.831	43.271	43.244	2
3	43.858	42.798	42.848	44.686	44.632	42.785	42.697	42.081	42.148	41.873	43.158	43.083	3
4	43.908	43.263	42.736	44.815	44.508	42.498	42.883	42.241	42.188	42.308	43.411	42.948	4
5	43.843	42.897	42.736	44.936	44.448	42.380	43.084	42.274	42.028	42.781	43.824	43.017	5
6	43.886	43.053	42.847	45.208	44.484	42.718	42.875	42.240	42.177	42.432	43.852	42.804	6
7	43.488	42.948	42.717	45.526	44.438	42.880	42.887	42.837	42.328	42.815	43.868	42.835	7
8	43.826	42.937	42.880	45.558	44.384	42.420	42.747	42.885	42.378	42.443	43.710	42.878	8
9	43.318	43.131	42.783	45.588	44.238	42.288	42.898	42.788	42.298	41.908	43.788	42.818	9
10	43.470	42.948	42.883	45.208	44.087	42.230	42.440	42.897	42.224	42.281	43.787	42.884	10
11	43.448	42.958	42.842	45.273	43.930	42.383	42.818	42.838	42.223	42.201	43.847	43.586	11
12	43.113	43.188	42.841	45.184	43.828	41.988	42.878	42.544	42.188	42.338	43.718	44.888	12
13	43.224	43.182	42.438	45.018	43.778	42.418	42.871	42.378	42.388	42.487	43.883	44.837	13
14	43.738	42.988	42.418	44.818	43.737	42.182	42.822	42.247	---	42.402	43.800	44.812	14
15	43.782	42.893	42.388	44.888	43.818	42.183	42.724	42.143	---	42.114	43.481	44.474	15
16	42.830	43.038	42.384	44.821	43.548	42.380	42.772	42.587	42.180	42.488	43.458	44.444	16
17	42.818	42.938	42.312	44.587	43.514	42.281	42.383	42.881	41.987	42.188	43.428	44.788	17
18	42.810	42.728	42.880	44.522	43.450	42.184	42.488	42.828	41.948	42.202	43.488	44.827	18
19	43.207	42.888	42.818	44.587	43.381	42.283	42.872	42.731	42.231	42.575	43.488	44.834	19
20	43.380	42.988	42.588	44.742	43.488	42.105	42.434	42.717	42.010	42.820	43.484	44.230	20
21	43.041	42.713	43.082	44.838	43.287	42.305	42.528	42.588	42.284	42.440	43.288	44.292	21
22	43.348	43.283	43.017	44.475	43.328	42.228	42.727	42.488	42.240	42.748	43.281	44.443	22
23	43.026	42.908	42.824	44.337	43.093	42.183	42.248	42.448	42.278	42.480	43.188	44.188	23
24	43.078	42.708	42.438	44.274	43.187	42.158	42.278	42.348	42.188	42.587	43.093	44.213	24
25	43.280	42.871	42.818	44.338	43.048	42.213	42.340	42.858	41.905	42.841	43.228	44.338	25
26	43.285	42.838	42.948	44.480	43.053	42.184	42.405	42.470	42.228	43.388	42.747	43.980	26
27	43.378	42.811	43.408	44.508	42.885	42.500	42.384	42.477	42.228	43.428	42.274	43.885	27
28	43.231	42.888	43.781	44.504	43.052	42.488	42.128	42.233	42.078	42.887	42.788	43.823	28
29	43.088	42.881	44.031	44.538	43.088	42.478	41.887	42.415	42.174	43.037	43.188	43.878	29
30	43.138		44.077	44.708	43.088	42.528	42.053	42.202	42.281	43.087	43.387	43.813	30
31	42.484		44.034		42.950		42.022	42.480		42.858		43.787	31
MEAN	43.324	42.809	42.872	44.781	43.718	42.388	42.544	42.448	---	42.511	43.388	43.824	MEAN
MAX	43.908	43.283	44.077	45.588	44.827	42.928	43.084	42.885	---	43.428	43.847	44.837	MAX
MIN	42.484	42.593	42.312	44.274	42.950	41.988	41.887	42.028	---	41.831	42.274	42.804	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 45.588 ON APR 9
MINIMUM DAILY, 41.831 ON OCT 2
MAXIMUM INSTANTANEOUS,
46.656 AT 12:35 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 15 N
LONG 67 33 19 W

REGULATED

DRAINAGE AREA,
35 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT THE FALLS AT GRAND FALLS - STATION NO. 01AP003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	101.853	101.678	105.182	---	---	---	---	---	---	---	---	1
2	---	101.722	101.670	106.418	---	---	---	---	---	---	---	---	2
3	---	101.813	101.688	107.473	---	---	---	---	---	---	---	---	3
4	---	101.778	101.890	108.423	---	---	---	---	---	---	---	---	4
5	---	101.770	101.875	109.832	---	---	---	---	---	---	---	---	5
6	101.707	101.724	101.882	---	---	---	---	---	---	---	---	---	6
7	101.718	101.886	101.882	---	---	---	---	---	---	---	---	---	7
8	101.720	101.877	101.880	---	---	---	---	---	---	---	---	---	8
9	101.888	101.880	101.885	---	---	---	---	---	---	---	---	---	9
10	101.708	101.842	101.879	---	---	---	---	---	---	---	---	---	10
11	101.898	101.830	101.889	---	---	---	---	---	---	---	---	---	11
12	101.883	101.807	101.868	---	---	---	---	---	---	---	---	---	12
13	101.888	101.808	101.887	---	---	---	---	---	---	---	---	---	13
14	101.878	101.889	101.880	---	---	---	---	---	---	---	---	---	14
15	101.837	101.894	101.878	---	---	---	---	---	---	---	---	---	15
16	101.844	101.898	101.884	---	---	---	---	---	---	---	---	---	16
17	101.888	101.802	101.888	---	---	---	---	---	---	---	---	---	17
18	101.880	101.820	101.877	---	---	---	---	---	---	---	---	---	18
19	101.884	101.820	101.882	---	---	---	---	---	---	---	---	---	19
20	101.818	101.818	101.898	---	---	---	---	---	---	---	---	---	20
21	101.821	101.818	101.862	---	---	---	---	---	---	---	---	---	21
22	101.780	101.887	101.813	---	---	---	---	---	---	---	---	---	22
23	101.717	101.881	101.824	---	---	---	---	---	---	---	---	---	23
24	101.884	101.803	101.836	---	---	---	---	---	---	---	---	---	24
25	101.877	101.888	101.833	---	---	---	---	---	---	---	---	---	25
26	101.880	101.878	101.887	---	---	---	---	---	---	---	---	---	26
27	101.834	101.884	102.026	---	---	---	---	---	---	---	---	---	27
28	101.807	101.888	102.883	---	---	---	---	---	---	---	---	---	28
29	101.874	101.882	103.082	---	---	---	---	---	---	---	---	---	29
30	101.887		103.046	---	---	---	---	---	---	---	---	---	30
31	101.818		103.380		---		---	---	---	---	---	---	31
MEAN	---	101.840	101.783	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	101.813	103.380	---	---	---	---	---	---	---	---	---	MAX
MIN	---	101.878	101.813	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 05 N
LONG 67 44 19 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER BELOW MACTAQUAC - STATION NO. 01AK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	90.0	78.6	388	1 950	2 460	898	218	210	237	241	784	714	1
2	115	86.5	312	2 080	2 330	575	134	183	403	82.6	1 210	897	2
3	120	185	350	2 170	1 920	488	575	142	198	220	873	731	3
4	488	234 B	318	2 340	1 540	182	594	183	120	388	1 010	748	4
5	474	378 B	118	2 270	1 180	131	701	268	88.2	855	878	878	5
6	732 E	288 B	132	3 140	1 780	588	617	213	192	722	858	300	6
7	843 E	264 B	238	3 410	2 080	480	388	388	210	882	874	388	7
8	280 E	318 B	388	2 870	1 380	467	457	470	288	432	1 070	483	8
9	88.7E	284 B	180	2 470	1 870	311	871	483	320	107	1 340	889	9
10	111 E	336 B	188	2 380	1 920	288	381	710	194	208	1 370	413	10
11	157 E	283 B	470	2 730	1 280	88.1	808	384	237	188	1 410	148	11
12	121 E	878 B	204	3 000	953	88.3	845	387	388	204	1 470	800	12
13	118 E	288 B	83.4	2 430	1 400	237	281	377	338	180	881	893	13
14	874 E	80.7B	72.7	2 340	1 120	288	814	188	187	238	852	287	14
15	818 E	174 B	108	2 230	881	217	824	187	288	271	1 140	203	15
16	88.8E	323 B	80.3	2 270	1 180	237	241	308	240	178	1 080	388	16
17	81.3E	188 B	114	2 180	838	111	131	328	133	184	844	114	17
18	81.5E	282 B	181	2 310	834	108	378	488	101	128	843	88.1	18
19	124 E	384 B	188	2 150	1 120	88.5	288	818	127	233	1 120	381	19
20	327 E	240 B	141	1 880	780	181	328	453	83.8	318	835	318	20
21	288 B	188 B	887	1 880	884	248	342	287	142	488	834	181	21
22	428 B	802 B	378	1 890	884	245	382	328	408	832	1 080	203 E	22
23	228 B	181 B	180	1 880	878	258	347	237	221	311	1 030	218 E	23
24	281 B	220	288	1 880	884	187	307	378	202	417	1 170	311 E	24
25	374 B	313	378	2 080	884	188	284	810	120	347	887	410 E	25
26	544 B	181	881	2 330	821	250	341	288	248	1 030	333	388 E	26
27	718 B	181	1 820	2 370	828	478	278	441	252	888	178	184 E	27
28	378 B	248	1 840	2 380	824	482	218	237	284	808	238	231 E	28
29	388 B	202	884	2 440	828	388	132	803	188	803	888	278 E	29
30	124		844	2 430	818	842	181	234	282	800	1 020	234 E	30
31	82.0		1 880		844		88.4	438		888		282 E	31
TOTAL	8 322.1	7 408.8	12 780.4	70 320	38 813	8 194.8	11 432.4	10 888	8 890.1	12 807.8	28 741	12 118.1	TOTAL
MEAN	301	288	412	2 340	1 180	308	388	348	220	413	858	381	MEAN
MAX	874	802	1 840	3 410	2 480	898	701	710	408	1 030	1 470	887	MAX
MIN	81.3	78.6	72.7	1 880	834	88.3	88.4	142	83.8	82.6	170	88.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 821
MAXIMUM DAILY, 3 410 ON APR 7
MINIMUM DAILY, 72.7 ON MAR 14
MAXIMUM INSTANTANEOUS,
3 880 AT 07:02 AST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 57 44 N
LONG 66 49 51 W
DRAINAGE AREA, 39 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	805 000	JUL	888 000
FEB	840 000	AUG	833 000
MAR	1 100 000	SEP	588 000
APR	8 080 000	OCT	1 110 000
MAY	3 080 000	NOV	2 480 000
JUN	794 000	DEC	1 050 000

TOTAL DISCHARGE, 19 800 000 dam³

NEW BRUNSWICK

SAINT JOHN RIVER NEAR EAST FLORENCEVILLE - STATION NO. 01AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	288 B	2100	198 B	7280	2 170	842	280	178	318	187	719	851	1
2	354 B	1830	224 B	8510	2 090	398	435	181	258	82.8	732	784	2
3	293 B	2680	150 B	1 1100	1 830	478	573	158	174	184	861	850	3
4	405 B	2880	181 B	1 520	1 780	289	598	233	246	283	828	871	4
5	287 B	2610	182 B	2 080	1 720	290	928	228	107	444	895	4488	5
6	300 B	2700	147 B	2 550	1 740	427	384	244	287	325	808	3868	6
7	331 B	2498	186 B	3 030	1 710	337	482	344	282	297	938	358	7
8	282 B	2308	177 B	3 080	1 630	271	410	478	258	330	1 030	498	8
9	286 B	2868	196 B	3 220	1 480	223	424	453	222	80.2	1 100	4318	9
10	359 B	2508	142 B	2 590	1 350	220	288	391	215	288	1 100	3548	10
11	203 B	2678	339 B	2 880	1 230	244	388	330	213	188	1 140	3488	11
12	232 B	3108	138 B	2 540	1 140	122	434	327	218	278	1 080	4188	12
13	235 B	3068	74.38	2 380	1 100	306	488	284	261	338	938	3878	13
14	635 B	1868	78.58	2 130	1 080	203	514	192	208	282	892	3588	14
15	273 B	1808	88.88	2 000	981	219	429	183	123	188	878	248	15
16	177 B	3378	84.88	1 810	912	287	384	388	204	384	873	289	16
17	141 B	1588	97.88	1 680	895	207	272	374	184	138	858	3278	17
18	224 B	2178	148 B	1 600	853	194	318	431	137	252	880	3188	18
19	288 B	2348	141 B	1 880	808	204	350	448	213	383	858	2628	19
20	341 B	2298	133 B	2 050	873	187	388	408	131	340	884	2428	20
21	251 B	2508	328 B	1 840	753	242	317	377	280	309	788	3098	21
22	338 B	3148	174 B	1 780	780	213	424	327	240	513	778	3328	22
23	247 B	1728	140 B	1 820	858	208	334	295	233	300	718	2258	23
24	288 B	1888	91.28	1 880	873	173	288	288	188	418	848	2848	24
25	304 B	1808	224 B	1 830	893	218	287	380	144	478	708	2728	25
26	341 B	2298	280 B	1 780	808	209	320	284	207	821	417	3078	26
27	370 B	1718	368 B	1 810	578	288	285	358	218	858	248	2078	27
28	288 B	2288	498 B	1 820	588	314	183	184	187	582	585	2808	28
29	288 B	2298	573 B	1 880	842	334	140	241	178	604	859	2888	29
30	203 B		585 B	2 020	800	288	181	201	228	813	785	2748	30
31	97.08		529 B		884		128	328		889		2288	31
TOTAL	8 841.0	8 819	8 847.2	88 920	34 480	8 108	11 037	8 820	8 251	11 242.8	24 808	10 882	TOTAL
MEAN	278	238	224	2 000	1 110	270	358	310	208	363	817	351	MEAN
MAX	538	337	828	3 220	2 170	842	828	478	318	858	1 140	784	MAX
MIN	97.0	188	84.8	728	878	122	128	188	107	80.2	348	207	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 842
MAXIMUM DAILY, 3 220 ON APR 8
MINIMUM DAILY, 84.88 ON MAR 18
MAXIMUM INSTANTANEOUS,
3 730 AT 11:03 AST ON APR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 12 N
LONG 67 35 23 W
DRAINAGE AREA, 34 200 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	747 000	JUL	954 000
FEB	688 000	AUG	831 000
MAR	800 000	SEP	640 000
APR	2 180 000	OCT	871 000
MAY	2 960 000	NOV	2 120 000
JUN	700 000	DEC	940 000

TOTAL DISCHARGE, 17 200 000 dam³

SALMON RIVER AT CASTAWAY - STATION NO. 01AN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.80B	7.20B	11.3 B	104	53.1	12.7	8.80	2.44	18.1	3.08	13.0E	83.8	1
2	7.70B	7.44B	10.7 B	84.4	48.2	12.0	7.47	2.22	11.3	2.82	30.0E	48.4	2
3	7.88B	8.40B	10.0 B	84.8	38.8	11.3	6.84	2.10	8.27	2.88	70.0E	38.4	3
4	7.40B	11.2 B	9.80B	88.4	34.2	10.1	6.84	2.18	7.87	2.83	41.0E	32.3	4
5	7.30B	10.7 B	9.30B	88.8	31.8	9.18	6.03	8.38	8.38	2.78	28.0E	22.4	5
6	7.20B	10.0 B	8.80B	70.4	27.8	11.2	4.82	5.83	11.3	2.80	24.0E	17.8 B	6
7	7.05B	8.80B	8.70B	87.1	24.3	10.7	4.08	4.28	8.83	3.18A	21.0E	18.7 B	7
8	6.80B	8.20B	8.84B	83.8	21.2	8.82	3.83	8.38	7.78	3.13E	18.0E	18.8 B	8
9	8.80B	8.80B	8.38B	48.7	18.8	7.81	3.08	7.87	8.88	3.18E	18.3E	11.2 B	9
10	8.70B	8.80B	8.20B	88.8	18.8	7.02	2.78	8.88	8.80	8.00E	15.0E	8.30B	10
11	8.80B	8.20B	8.80B	83.8	18.2	8.81	2.78	4.40	8.28	8.80E	17.0E	8.40B	11
12	8.80B	8.00B	8.80B	88.7	18.8	8.28	3.23	3.38	4.82	14.8 E	18.8E	8.00B	12
13	8.40B	7.88B	8.80B	82.8	20.3	8.80	4.81	2.88	4.44	12.0 E	14.7E	7.80B	13
14	8.28B	7.80B	8.40B	47.2	18.8	8.41	3.80	2.87	4.27	10.2 E	17.0E	7.20B	14
15	8.20B	8.00B	8.00B	42.4	14.4	8.31	3.21	4.80	4.38	8.00E	18.0E	8.80B	15
16	8.10B	8.80B	7.70B	40.1	12.7	8.18	2.82	18.8	3.83	8.30E	15.0E	8.80B	16
17	8.00B	10.0 B	7.40B	88.8	12.0	4.78	2.88	28.7	3.83	8.20E	14.4A	8.20B	17
18	8.80B	8.80B	7.20B	88.8	18.4	4.70	2.73	18.3	3.82	4.40E	38.0	8.80B	18
19	7.80B	8.10B	7.80B	84.8	18.3	4.84	2.82	11.1	4.84	4.14A	32.3	8.88B	19
20	8.00B	8.80B	8.70B	81.1	14.8	4.39	2.88	7.88	4.87	24.8 E	28.0	8.40B	20
21	11.8 B	8.80B	8.20B	80.4	13.1	4.19	2.88	8.88	4.82	24.0 E	42.3	8.20B	21
22	13.3 B	10.3 B	7.80B	82.1	11.7	3.88	2.73	8.83	8.88	28.0 E	88.7	8.00B	22
23	12.3 B	11.7 B	7.40B	88.7	10.7	3.80	2.73	8.84	8.44	35.0 E	48.8	4.80B	23
24	11.3 B	13.2 B	7.30B	84.4	10.3	3.82	2.84	8.84	4.83	41.0 E	38.4	4.88B	24
25	10.8 B	15.0 B	8.00B	88.0	10.8	3.38	2.81	8.28	4.32	38.0 E	27.7	4.80B	25
26	9.80B	14.8 B	32.8 B	88.1	18.4	3.88	2.88	24.7	4.01	40.0 E	24.3	4.80B	26
27	9.00B	13.8 B	150 B	88.3	22.8	3.84	2.87	24.8	3.70	31.2 E	21.0	4.80B	27
28	8.40B	12.8 B	235	80.8	17.4	3.88	3.83	18.3	3.28	28.0 E	28.2	4.40B	28
29	7.90B	12.2 B	207	48.8	13.8	3.24	4.00	11.8	3.27	20.0 E	120	4.80B	29
30	7.80B		158	88.3	11.7	8.21	3.35	18.8	3.18	17.8 E	87.8	4.80B	30
31	7.30B		114		10.8		2.71	21.8		18.3 E		4.40B	31
TOTAL	247.88	288.88	1 111.73	1 887.8	820.7	193.88	113.87	287.84	178.83	462.37	888.8	388.00	TOTAL
MEAN	8.00	10.0	35.8	82.8	20.0	8.47	3.87	8.81	5.88	14.8	33.3	12.8	MEAN
MAX	13.3	15.0	235	104	53.1	12.7	7.47	28.7	18.1	41.0	120	83.8	MAX
MIN	8.80	7.20	7.20	40.1	10.8	3.24	2.81	2.10	3.18	2.78	13.0	4.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 235 ON MAR 28
MINIMUM DAILY, 2.10 ON AUG 3
MAXIMUM INSTANTANEOUS,
247 AT 23:15 AST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 28 N
LONG 65 43 34 W
DRAINAGE AREA, 1 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 400	JUL	9 840
FEB	35 100	AUG	28 700
MAR	98 100	SEP	15 800
APR	103 000	OCT	38 100
MAY	83 800	NOV	88 200
JUN	18 800	DEC	34 800

TOTAL DISCHARGE, 587 000 dam³

SHOEMOC STREAM NEAR TRANS CANADA HIGHWAY - STATION NO. 01AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.678	1.858	2.108	23.7	14.5	2.48	0.588	0.453	1.88	0.418	3.30	8.70	1
2	1.788	1.808	2.038	23.2	12.8	2.35	0.624	0.443	1.80	0.384	5.48	8.05	2
3	1.708	2.488	1.888	23.0	10.8	2.18	0.690	0.403	1.48	0.400	8.10	7.35	3
4	1.838	2.328	1.908	23.7	9.43	1.98	0.648	0.418	1.18	0.381	8.81	8.70	4
5	1.578	2.308	1.858	23.3	8.23	1.84	0.802	0.428	1.20	0.383	8.87	8.44	5
6	1.508	2.088	1.818	21.9	7.17	1.55	0.752	0.403	1.21	0.383	8.41	8.708	6
7	1.418	1.838	1.778	20.1	6.35	1.40	0.688	0.388	1.08	0.387	7.76	8.07	7
8	1.378	1.838	1.738	18.1	5.80	1.28	0.838	0.388	1.05	0.387	8.88	4.41	8
9	1.328	1.748	1.708	16.3	5.10	1.14	0.818	0.387	1.00	0.398	8.80	3.758	9
10	1.268	1.648	1.648	15.2	4.88	1.13	0.839	0.388	0.914	0.883	8.34	3.508	10
11	1.258	1.548	1.978	14.4	4.84	1.07	0.738	0.341	0.809	0.782	8.45	3.288	11
12	1.228	1.488	2.108	13.4	5.03	1.03	1.02	0.322	0.684	0.874	8.32	3.008	12
13	1.198	1.888	1.978	12.4	4.83	0.954	1.04	0.301	0.603	1.03	8.87	2.808	13
14	1.188	1.808	1.888	11.0	4.55	0.901	0.954	0.288	0.570	0.988	8.01	2.888	14
15	1.148	1.708	1.838	9.88	4.20	0.821	0.924	0.448	0.800	0.950	8.95	2.908	15
16	1.128	1.808	1.798	9.08	3.78	0.807	0.820	0.830	0.478	0.928	8.88	2.388	16
17	1.108	1.808	1.618	8.42	3.72	0.728	0.703	0.688	0.438	0.818	8.44	2.278	17
18	1.138	1.588	1.888	8.72	3.81	0.778	0.803	0.634	0.473	0.890	8.17	2.188	18
19	1.808	1.738	1.888	8.75	3.42	0.888	0.802	0.550	0.808	1.10	8.88	2.068	19
20	2.208	2.008	2.018	8.21	3.24	0.808	0.878	0.508	0.574	1.18	8.70	1.988	20
21	2.808	2.858	2.088	8.44	3.09	0.488	0.813	0.491	0.538	1.28	7.81	1.888	21
22	2.808	2.808	1.838	7.89	3.05	0.808	0.783	0.457	0.557	1.28	8.89	1.808	22
23	2.558	2.508	1.758	7.32	2.84	0.871	0.713	0.400	0.513	1.82	8.57	1.748	23
24	2.388	2.908	1.698	7.31	2.78	0.808	0.881	0.358	0.509	2.23	7.96	1.898	24
25	2.208	2.808	1.958	8.12	3.11	0.833	0.878	0.388	0.482	3.80	8.87	1.628	25
26	2.238	2.608	2.508	10.1	3.88	0.854	0.854	0.781	0.487	4.43	8.18	1.838	26
27	2.308	2.458	11.1 B	10.0	3.87	0.818	0.802	0.788	0.454	4.88	8.53	1.678	27
28	2.108	2.308	25.0 B	10.0	3.48	0.471	0.837	0.910	0.447	4.83	8.72	1.818	28
29	2.008	2.208	28.2	13.7	3.03	0.563	0.885	1.07	0.426	5.22	9.03	1.528	29
30	1.808		27.0	14.6	2.72	0.882	0.818	1.81	0.418	4.42	8.88	1.478	30
31	1.758		24.8		2.80		0.490	1.87		3.77		1.438	31
TOTAL	53.28	58.68	185.58	415.13	180.83	31.012	22.881	17.535	22.882	80.807	208.83	103.78	TOTAL
MEAN	1.72	2.05	5.37	13.8	5.18	1.03	0.731	0.566	0.788	1.84	6.88	3.35	MEAN
MAX	2.80	2.90	28.2	23.7	14.5	2.48	1.04	1.87	1.88	5.22	9.03	8.70	MAX
MIN	1.10	1.48	1.88	7.31	2.72	0.471	0.480	0.388	0.418	0.383	3.30	1.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.58
MAXIMUM DAILY, 28.2 ON MAR 28
MINIMUM DAILY, 0.388 ON AUG 14
MAXIMUM INSTANTANEOUS,
28.8 AT 13:40 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 42 N
LONG 67 19 20 W
DRAINAGE AREA, 334 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 800	JUL	1 980
FEB	5 150	AUG	1 520
MAR	14 400	SEP	1 980
APR	35 800	OCT	6 400
MAY	13 900	NOV	17 800
JUN	2 880	DEC	8 970

TOTAL DISCHARGE, 113 080 dam³

SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE - STATION NO. 01BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.08	35.18	40.28	542	311	82.8	86.2	24.9	74.1	31.2	118	328	1
2	44.08	34.08	38.88	483	293	81.8	88.4	23.3	81.8	30.3	128	191	2
3	42.88	36.58	36.88	408	287	77.2	80.3	21.8	58.6	29.8	387	185	3
4	41.88	40.08	36.28	488	241	70.0	83.4	31.2	52.8	30.0	358	152	4
5	41.08	43.08	37.58	485	224	84.3	47.4	38.5	48.9	28.3	270	135	5
6	40.08	42.08	37.08	458	217	80.8	41.0	88.3	84.3	30.4	222	108	6
7	39.58	41.08	36.48	383	213	88.4	37.2	82.4	87.5	30.3	212	83.08	7
8	38.08	40.08	35.18	371	188	82.8	34.1	82.0	80.7	30.6	203	88.08	8
9	38.08	38.58	35.08	344	178	48.3	31.9	135	43.6	31.4	208	83.08	9
10	37.08	38.58	34.08	378	180	46.7	30.3	138	38.6	36.3	192	77.08	10
11	36.08	36.08	35.08	448	148	44.4	31.4	87.0	37.0	41.3	193	73.08	11
12	35.38	37.08	36.08	378	145	42.8	36.8	80.4	36.2	49.3	226	70.08	12
13	34.88	36.28	35.58	307	154	41.8	48.0	47.8	34.0	57.1	188	68.08	13
14	34.08	35.58	34.88	270	143	40.8	44.1	41.8	33.7	48.8	172	85.08	14
15	33.38	34.88	33.28	281	125	42.8	38.1	41.8	36.5	42.2	185	83.08	15
16	31.88	33.88	32.58	248	111	45.3	38.1	88.3	38.1	38.8	180	80.08	16
17	31.38	33.08	31.58	284	107	42.8	38.5	153	33.8	36.3	160	58.08	17
18	31.08	32.08	33.08	287A	162	48.5	34.8	117	32.5	35.2	161	57.08	18
19	33.08	31.08	33.88	274E	183	49.3	33.2	84.8	34.5	35.3	174	58.08	19
20	36.08	30.08	34.88	278E	137	44.1	36.8	83.1	42.4	52.3	162	55.08	20
21	38.08	32.08	32.88	244E	120	40.4	41.7	82.1	45.8	78.1	138 B	54.08	21
22	44.08	34.08	31.88	280A	108	37.1	42.2	48.8	48.2	71.8	131 B	53.08	22
23	43.08	36.08	30.28	268	88.8	36.8	37.2	43.8	84.2	88.2	125 B	52.08	23
24	42.08	38.58	29.68	248	84.8	38.7	33.1	41.1	48.5	108	118 B	51.08	24
25	40.88	40.58	35.08	268	88.8	34.5	30.8	38.1	42.4	176	111 B	48.08	25
26	40.08	43.58	80.08	281	107	35.4	28.0	112	38.4	284	86.88	48.08	26
27	39.08	42.88	100 B	288	138	38.8	27.5	172	38.1	241	84.58	47.08	27
28	38.08	42.08	200 B	278	130	40.8	27.8	131	33.1	183	114 B	46.08	28
29	37.08	41.08	500 B	268	108	37.7	30.8	93.8	31.8	155	238	45.08	29
30	36.58		477	313	89.7	44.8	30.1	80.0	31.7	150	290	44.08	30
31	35.88		482		81.4		37.8	82.5		136		43.08	31
TOTAL	1 178.3	1 081.2	2 880.1	10 024	4 888.1	1 488.2	1 204.8	2 302.7	1 307.2	2 482.0	5 488.3	2 477.0	TOTAL
MEAN	38.0	37.3	85.8	334	157	48.8	38.8	74.3	43.8	80.4	183	79.9	MEAN
MAX	46.0	43.5	500	542	311	82.8	88.4	172	74.1	284	367	328	MAX
MIN	31.0	30.0	29.5	244	81.4	34.5	27.8	31.2	31.7	39.3	84.5	43.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.8
MAXIMUM DAILY, 542 ON APR 1
MINIMUM DAILY, 21.2 ON AUG 4
MAXIMUM INSTANTANEOUS,
758 AT 16:45 AST ON APR 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 10 N
LONG 65 49 38 W
DRAINAGE AREA, 5 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	103 000	JUL	104 000
FEB	83 400	AUG	198 000
MAR	230 000	SEP	113 000
APR	868 000	OCT	218 000
MAY	421 000	NOV	475 000
JUN	137 000	DEC	214 000

TOTAL DISCHARGE, 3 180 000 dam³

NEW BRUNSWICK

SPEDNIC LAKE AT ST. CROIX - STATION NO. 01AR010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	118.441	118.771	118.333	118.871	118.882	117.107	118.788	118.828	118.334	118.884	118.721	118.611	1
2	118.428	118.768	118.327	118.880	118.892	117.088	118.802	118.814	118.328	118.862	118.782	118.838	2
3	118.428	118.737	118.311	118.738	118.922	117.088	118.785	118.811	118.311	118.852	118.833	118.883	3
4	118.408	118.727	118.282	118.807	118.948	117.048	118.788	118.813	118.288	118.828	118.884	118.889	4
5	118.383	118.718	118.288	118.892	118.988	117.040	118.782	118.810	118.302	118.818	118.888	118.898	5
6	118.385	118.880	118.288	118.888	118.878	117.033	118.788	118.881	118.304	118.828	118.818	118.888	6
7	118.338	118.873	118.288	118.818	117.063	117.027	118.782	118.884	118.283	118.881	118.841	118.888	7
8	118.311	118.848	118.248	118.882	117.013	117.007	118.741	118.848	118.278	118.874	118.881	118.888	8
9	118.288	118.820	118.224	118.130	117.028	116.980	118.748	118.838	118.284	118.888	118.888	118.882	9
10	118.272	118.811	118.211	118.173	117.030	116.973	118.780	118.880	118.288	118.843	118.884	118.818	10
11	118.241	118.888	118.204	118.217	117.028	116.980	118.788	118.841	118.288	118.818	118.885	118.828	11
12	118.218	118.878	118.188	118.282	117.072	116.937	118.771	118.828	118.227	118.821	118.878	118.838	12
13	118.201	118.887	118.180	118.288	117.073	116.937	118.778	118.803	118.182	118.814	118.888	118.838	13
14	118.180	118.880	118.188	118.318	117.100	116.928	118.788	118.477	118.188	118.778	118.103	118.834	14
15	118.187	118.818	118.138	118.331	117.088	116.913	118.773	118.482	118.178	118.747	118.131	118.811	15
16	118.128	118.808	118.103	118.372	117.088	116.911	118.784	118.488	118.183	118.717	118.128	118.811	16
17	118.082	118.484	118.088	118.407	117.100	116.900	118.783	118.488	118.121	118.888	118.148	118.808	17
18	118.068	118.487	118.034	118.418	117.110	116.887	118.744	118.482	118.108	118.881	118.187	118.898	18
19	118.038	118.442	118.008	118.478	117.128	116.888	118.780	118.408	118.108	118.871	118.187	118.882	19
20	118.010	118.438	114.982	118.823	117.140	116.882	118.770	118.381	118.100	118.843	118.188	118.882	20
21	118.888	118.442	114.883	118.828	117.127	116.870	118.781	118.378	118.088	118.804	118.280	118.838	21
22	118.877	118.437	114.827	118.838	117.113	116.858	118.788	118.387	118.113	118.882	118.332	118.818	22
23	118.884	118.427	114.888	118.848	117.108	116.874	118.742	118.383	118.102	118.833	118.348	118.488	23
24	118.817	118.420	114.872	118.888	117.108	116.888	118.718	118.324	118.088	118.830	118.383	118.487	24
25	118.887	118.401	114.881	118.818	117.110	116.814	118.702	118.308	118.068	118.886	118.380	118.482	25
26	118.812	118.382	114.882	118.888	117.130	116.802	118.700	118.331	118.043	118.878	118.382	118.421	26
27	118.883	118.384	114.877	118.701	117.112	116.811	118.688	118.332	118.028	118.887	118.388	118.408	27
28	118.888	118.388	114.138	118.718	117.110	116.788	118.702	118.307	118.038	118.883	118.423	118.388	28
29	118.841	118.348	118.270	118.782	117.107	116.788	118.888	118.308	118.018	118.724	118.478	118.378	29
30	118.818		118.371	118.838	117.081	116.788	118.884	118.333	118.884	118.727	118.487	118.342	30
31	118.788		118.478		117.108		118.837	118.341		118.738		118.318	31
MEAN	118.124	118.842	118.142	118.382	117.087	116.824	118.743	118.488	118.173	118.788	118.137	118.838	MEAN
MAX	118.441	118.771	118.478	118.838	117.140	117.107	118.882	118.828	118.334	118.884	118.487	118.838	MAX
MIN	118.788	118.348	114.881	118.871	118.882	116.788	118.837	118.308	118.884	118.882	118.731	118.318	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 118.248
MAXIMUM DAILY, 117.140 ON MAY 20
MINIMUM DAILY, 114.881 ON MAR 25
MAXIMUM INSTANTANEOUS,
117.180 AT 17:00 AST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 34 08 N
LONG 67 25 41 W

REGULATED SINCE 1987

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ST. CROIX RIVER AT BARING - STATION NO. 01AR005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	49.88	47.38	73.8	183	108	43.8	28.8	28.4	75.0	87.8	82.0	84.0	1
2	47.38	48.88	77.8	187	108	37.1	26.7	26.3	88.8	48.8	108	80.3	2
3	48.78	47.38	78.3	188	88.2	43.8	25.3	25.8	88.1	38.1	137	88.2	3
4	48.48	47.08	77.3	180	88.2	42.8	24.8	27.7	78.4	82.3	181	84.7	4
5	44.78	48.28	78.2	182	77.3	30.8	24.8	27.2	81.8	48.8	143	78.4	5
6	44.88	45.38	75.3	180	77.8	28.4	24.8	34.3	37.1	88.7	128	78.2	6
7	43.88	44.88	78.3	142	71.1	28.4	24.4	31.1	34.8	41.1	107	71.4	7
8	42.88	43.8	71.1	128	88.1	31.7	24.2	48.1	48.8	81.8	82.8	88.8	8
9	41.18	42.88	73.8	88.8	87.1	28.2	24.2	33.1	43.8	38.3	81.3	87.8	9
10	41.88	43.28	78.4	88.4	84.8	24.8	24.2	27.3	48.8	48.4	84.1	87.8	10
11	43.28	41.18	77.8	84.8	88.8	24.3	24.8	34.8	88.7	88.2	81.8	86.8	11
12	43.88	38.88	78.8	82.8	87.4	24.8	23.8	37.8	74.2	88.3	82.8	84.8	12
13	80.18	47.38	88.8	82.8	87.7	24.1	24.1	28.2	82.1	82.1	88.8	47.8	13
14	44.78	47.38	84.8	83.4	43.8	23.8	30.8	28.4	78.8	88.8	82.8	84.7	14
15	41.18	84.48	72.2	85.8	47.8	24.8	32.8	41.3	88.7	48.8	83.8	88.2	15
16	38.88	88.8	88.7	88.3	80.4	24.8	24.2	83.1	87.8	37.8	88.3	88.2	16
17	37.18	88.2	72.8	84.8	47.8	24.8	23.8	82.7	38.4	44.7	80.8	80.3	17
18	41.18	71.8	71.8	77.3	48.8	23.7	25.8	48.1	38.8	83.3	82.3	83.8	18
19	48.28	87.1	87.7	78.8	83.1	24.8	27.8	48.8	40.8	82.2	81.3	83.8	19
20	48.38	78.2	87.7	77.8	87.8	28.7	24.8	48.2	83.8	88.3	81.7	83.8	20
21	48.78	73.8	71.1	78.8	48.4	24.8	24.7	42.8	84.7	88.8	88.7	48.1	21
22	47.38	87.48	87.4	74.8	81.3	24.2	28.8	37.1	87.8	88.8	83.2	81.3	22
23	48.88	88.08	87.1	78.8	48.8	24.2	24.4	27.8	81.8	88.8	83.2	81.7	23
24	48.28	71.1	87.7	87.1	43.8	24.2	25.8	28.2	81.3	48.7	88.2	84.7	24
25	48.38	78.8	88.7	87.2	41.8	24.8	28.8	28.8	48.8	78.8	88.3	87.8	25
25	48.38	81.8	78.8	82.8	88.8	23.8	26.8	37.8	48.2	70.8	83.8	84.8	25
27	48.08	77.3	133	88.2	48.8	23.8	27.8	32.8	48.2	88.8	87.3	83.8	27
28	44.78	78.8	182	88.8	48.8	23.8	28.7	31.4	48.3	88.8	88.1	84.1	28
29	44.88	81.3	238	82.8	43.8	24.8	28.1	28.8	41.3	82.8	88.3	84.1	29
30	48.08		208	88.4	48.7	23.7	24.8	82.8	88.8	82.3	83.7	81.88	30
31	43.88		181		48.8		28.8	88.1		82.8		80.4	31
TOTAL	1 378.8	1 711.2	2 803.4	3 041.2	1 888.2	833.8	781.4	1 147 3	1 844.3	1 882.8	2 803.1	1 813.2	TOTAL
MEAN	44.8	88.8	80.4	101	81.3	27.8	25.8	37.8	84.8	84.3	88.8	81.7	MEAN
MAX	80.1	81.8	238	187	108	43.8	32.8	88.1	88.8	78.8	151	84.8	MAX
MIN	37.1	38.8	88.8	84.8	41.8	23.7	23.8	28.8	34.8	37.8	82.8	47.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.4
MAXIMUM DAILY, 238 ON MAR 29
MINIMUM DAILY, 23.8 ON JUL 17
MAXIMUM INSTANTANEOUS,
248 AT 08:15 EST ON MAR 29

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 12 N
LONG 67 18 05 W
DRAINAGE AREA, 3 550 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	118 000	JUL	88 600
FEB	148 000	AUG	88 100
MAR	242 000	SEP	142 000
APR	283 000	OCT	188 000
MAY	184 000	NOV	251 000
JUN	71 200	DEC	188 000

TOTAL DISCHARGE, 1 840 000 dam³

ST. CROIX RIVER AT VANCEBORO - STATION NO. 01AR004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.8	27.8	24.0	6.87	8.43	8.84	15.8	14.8	15.3	15.0	6.82	8.74	1
2	28.3	27.4	24.0	6.06	8.43	13.8	15.8	7.88	15.3	17.8	6.81	8.85	2
3	28.3	27.4	24.0	6.30	8.43	20.1	15.8	8.43	15.2	16.0	7.06	8.88	3
4	28.2	27.2	23.8	6.28	8.37	22.0	15.5	8.37	15.2	17.8	7.06	8.88	4
5	28.2	27.3	23.8	6.31	8.09	21.8	8.38	10.7	15.2	17.7	7.08	8.88	5
6	27.9	27.1	23.7	6.42	8.88	14.4	8.89	22.7	15.3	17.7	7.19	8.88	6
7	27.6	26.8	23.5	6.48	8.88	8.81	8.88	24.7	15.2	20.8	8.88	8.88	7
8	27.7	26.7	23.4	6.81	8.80	8.48	8.84	17.2	15.2	23.9	8.83	8.88	8
9	27.6	26.5	23.6	6.83	8.80	8.48	8.80	7.82	17.8	23.9	8.82	8.88	9
10	27.5	26.4	23.3	6.88	8.80	17.2	8.83	8.88	18.3	23.8	8.83	8.88	10
11	27.3	26.4	23.3	6.88	8.80	21.4	8.83	15.2	18.4	23.7	8.85	8.88	11
12	27.2	26.0	23.2	6.23	8.80	21.3	8.83	20.8	18.2	23.7	8.88	8.88	12
13	27.2	26.2	23.1	6.03	8.80	14.8	8.84	20.8	18.1	23.8	8.88	10.8	13
14	26.8	26.1	25.8	6.12	8.83	10.1	8.84	20.4	18.1	23.4	8.77	13.2	14
15	33.8	25.8	25.6	6.12	8.88	8.32	8.84	20.4	18.0	23.2	8.84	14.2	15
16	39.1	25.7	28.3	6.12	8.88	7.98	8.81	20.3	18.8	23.2	8.43	14.4	16
17	38.8	25.8	28.1	6.12	8.82	12.1	8.48	20.3	18.8	23.1	8.43	16.2	17
18	38.6	28.4	27.8	6.12	8.88	16.7	8.48	20.3	18.8	24.8	8.43	16.1	18
19	32.3	25.3	27.5	6.23	8.18	16.7	8.48	20.1	18.8	25.7	8.43	16.0	19
20	28.8	16.8	27.2	6.23	14.4	10.8	8.48	20.1	18.7	25.8	8.43	20.1	20
21	28.8	18.7	27.0	6.23	17.0	7.18	8.48	20.0	18.7	18.7	8.48	23.8	21
22	28.8	24.8	26.7	6.23	17.0	7.18	8.80	19.8	18.8	13.1	8.48	23.7	22
23	28.3	24.8	26.3	6.23	17.0	7.18	21.8	19.8	18.7	8.40	8.48	23.8	23
24	28.2	24.7	26.0	6.23	12.1	10.7	21.4	19.8	18.7	8.87	8.83	23.8	24
25	28.1	24.7	25.8	6.37	8.48	18.3	13.8	19.7	18.8	7.22	7.82	23.8	25
26	24.3	24.8	23.2	6.37	8.48	18.2	8.48	19.7	18.8	8.74	7.80	23.4	26
27	28.8	24.4	8.71	6.37	12.8	10.8	8.85	19.7	18.6	8.74	8.74	25.4	27
28	28.3	24.4	7.48	6.37	16.8	7.32	8.80	19.7	18.4	8.74	8.74	25.8	28
29	28.0	24.2	6.85	6.43	18.8	7.32	13.8	17.8	18.2	8.82	8.74	25.8	29
30	27.8		6.43	6.43	18.7	8.83	24.3	15.2	18.1	8.82	8.74	28.2	30
31	27.8		6.26		13.0		23.8	15.3		8.82		30.0	31
TOTAL	902.5	737.8	890.80	188.80	287.07	388.78	327.08	530.18	533.9	537.97	203.72	482.18	TOTAL
MEAN	29.1	26.4	22.3	6.29	8.26	12.8	10.6	17.1	17.8	17.4	8.78	15.8	MEAN
MAX	39.1	27.8	28.8	6.88	17.0	22.0	24.3	24.7	18.4	25.7	7.82	30.0	MAX
MIN	24.3	16.8	6.26	6.87	8.80	7.18	8.48	8.37	18.2	8.74	8.43	8.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 39.1 ON JAN 19
MINIMUM DAILY, 6.80 ON MAY 8
MAXIMUM INSTANTANEOUS,
39.8 AT 13:45 EST ON JAN 15

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 34 06 N
LONG 67 25 47 W
DRAINAGE AREA, 1 050 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	75 000	JUL	28 300
FEB	63 600	AUG	45 600
MAR	59 700	SEP	48 100
APR	18 300	OCT	48 600
MAY	24 600	NOV	17 600
JUN	33 400	DEC	41 700

TOTAL DISCHARGE, 502 000 dam³

ST. FRANCIS RIVER AT OUTLET OF GLAZIER LAKE - STATION NO. 01AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.87	6.19	5.32	11.2	108	28.2	38.1	8.88	8.02	7.30	38.3	30.2	1
2	9.87	6.29	5.15	14.8	110	33.8	47.6	8.29	7.82	7.35	28.0	20.3	2
3	9.48	6.29	5.10	15.5	108	21.8	54.6	8.05	7.85	7.95	28.0	19.8	3
4	9.28	6.17	5.06	26.1	101	30.8	58.6	8.02	7.82	8.30	32.7	19.8	4
5	9.21	6.27	4.88	38.1	100	18.4	66.7	7.89	7.81	11.7	38.3	18.3	5
6	8.81	6.28	4.80	57.0	103	18.4	60.8	7.89	8.03	14.0	41.3	17.2	6
7	8.74	6.38	4.76	78.8	104	17.3	44.8	8.15	7.88	15.1	42.0	18.2	7
8	8.48	6.48	4.83	87.1	104	16.3	38.8	8.56	7.84	15.8	43.0	18.8	8
9	8.40	6.38	4.72	80.8	103	16.2	36.0	8.82	7.40	15.7	41.1	14.8	9
10	8.38	6.33	4.81	83.8	84.0	14.8	33.4	9.21	7.19	15.5	39.0	14.8	10
11	8.28	6.33	4.83	85.7	88.3	13.7	30.8	9.07	7.03	15.5	38.0	16.4	11
12	7.78	6.32	4.89	86.8	78.8	13.8	28.2	8.88	8.48	15.7	38.1	13.8	12
13	7.71	6.48	4.81	85.7	76.3	13.4	26.7	8.74	8.51	15.1	34.7	13.4	13
14	7.83	6.47	4.51	83.6	84.0	13.8	28.2	8.43	8.29	15.8	33.8	13.0	14
15	7.87	6.48	4.42	81.2	87.4	12.8	33.7	8.78	8.30	17.1	32.8	12.7	15
16	7.84	6.38	4.41	80.8	82.3	13.0	33.3	8.48	8.82	15.8	31.8	12.8	16
17	7.13	6.18	4.34	88.8	48.5	12.8	31.0	8.48	8.38	15.8	31.3	12.2	17
18	8.88	6.03	4.29	87.8	47.8	12.7	18.8	8.83	8.74	16.0	31.8	12.1	18
19	7.12	6.83	4.18	87.0	48.5	12.8	18.5	8.40	7.08	16.2	32.1	12.0	19
20	7.11	6.88	4.18	86.8	80.8	12.3	17.7	8.23	7.18	16.4	32.0	11.7	20
21	7.08	6.11	4.21	81.8	48.8	12.3	16.4	8.88	7.87	16.8	32.4	10.8	21
22	6.84	5.87	4.10	78.8	46.7	12.0	15.8	8.48	8.08	17.2	30.8	10.8	22
23	6.83	5.72	4.01	70.3	42.3	12.1	14.8	8.08	8.01	17.4	28.8	10.8	23
24	6.51	5.78	3.88	88.7	39.3	11.8	13.8	7.88	8.22	17.8	28.7	10.4	24
25	6.88	5.88	4.03	88.4	38.2	11.3	12.7	7.38	8.13	18.7	23.3	10.8	25
26	6.73	5.80	4.18	72.4	34.0	11.8	11.8	7.18	8.13	23.7	21.5	10.8	26
27	6.67	5.67	4.80	77.7	32.2	13.8	11.2	7.02	7.88	28.8	20.8	10.3	27
28	6.50	5.43	8.10	86.1	31.2	16.8	10.8	7.10	7.88	31.3	19.4	10.3	28
29	6.38	5.38	8.77	88.0	30.2	28.8	10.2	7.81	7.78	31.8	19.8	10.3	29
30	6.28		8.62	102	28.8	31.8	9.88	7.92	7.48	30.3	19.8	10.1	30
31	6.31		8.80		27.3		8.17	8.18		28.3		9.87	31
TOTAL	237.88	176.37	148.77	2 231.8	2 042.3	480.4	630.13	280.03	223.18	645.00	933.1	419.07	TOTAL
MEAN	7.67	6.06	4.80	74.1	65.9	16.0	20.8	8.38	7.44	17.8	31.1	13.8	MEAN
MAX	9.87	6.48	8.80	102	110	31.8	58.8	9.88	8.22	31.8	42.0	30.3	MAX
MIN	6.28	5.38	3.88	11.2	27.3	11.3	8.17	7.02	6.38	7.30	19.8	9.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.3
MAXIMUM DAILY, 110 ON MAY 3
MINIMUM DAILY, 3.88 ON MAR 24
MAXIMUM INSTANTANEOUS,
111 AT 09:57 ADT ON MAY 3

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 25 N
LONG 68 57 25 W
DRAINAGE AREA, 1 380 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 500	JUL	71 700
FEB	15 200	AUG	22 500
MAR	13 500	SEP	19 300
APR	192 000	OCT	47 100
MAY	176 000	NOV	80 600
JUN	41 500	DEC	38 200

TOTAL DISCHARGE, 739 000 dam³

NEW BRUNSWICK

TETAGOUCHE RIVER NEAR WEST BATHURST - STATION NO. 01BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.42 B	1.15 B	0.8408	24.48	28.4	4.80E	3.70	1.38	1.45	0.888	5.28	10.0 B	1
2	1.32 B	1.23 B	0.8808	20.88	23.8	4.62E	15.3	1.38	1.38	0.841	14.2	7.808	2
3	1.23 B	1.16 B	0.8408	20.88	28.7	4.61E	11.0	1.31	1.38	0.828	32.6	8.008	3
4	1.17 B	1.13 B	0.8108	28.88	30.8	4.04E	8.43	1.24	1.28	0.883	19.3	8.808	4
5	1.11 B	1.08 B	0.8808	38.0A	41.7	4.07E	8.80	1.28	1.40	0.833	13.8	8.008	5
6	1.08 B	1.08 B	0.8708	38.3	52.4	3.83E	5.81	2.39	1.44	1.28 E	14.0	4.408	6
7	1.02 B	1.03 B	0.8508	38.3	56.2	3.68E	5.08	3.61	1.28	1.31 E	18.4	5.518	7
8	0.9808	0.9808	0.9808	38.1	47.4	3.48E	4.88	3.58	1.23	1.39 E	12.7	4.208	8
9	0.8408	0.8408	0.8808	38.8	38.6	3.38E	4.18	4.42	1.13	1.28 E	11.2	3.808	9
10	0.8108	0.8108	0.8308	42.8	35.1	3.30E	3.83	3.45	1.08	1.88 E	10.4	3.808	10
11	0.8758	0.8808	0.9008	43.3	32.1	3.08E	5.14	2.80	0.887	2.08 E	10.3	3.488	11
12	0.8508	0.8808	0.8708	33.2	32.8	2.88E	4.81	2.01	1.08	2.33 E	8.41	3.308	12
13	0.8308	0.9808	0.9208	28.2	28.2	2.83E	6.08	1.88	1.04	2.23 E	8.47	3.208	13
14	0.8108	0.8808	0.8708	22.7	24.8	2.88E	4.80	2.86	0.882	2.08 E	7.85	3.108	14
15	0.8008	0.8318	1.08 B	21.4	18.4	2.60E	4.70	2.88	0.873	1.98 E	7.88	3.008	15
16	0.7908	0.8008	1.15 B	21.3	15.8	2.28E	4.18	8.42	0.885	1.83 E	7.42	2.908	16
17	0.7808	0.8808	1.28 B	18.8	13.7	2.23E	3.70	5.88	0.810	1.70 E	8.88	2.808	17
18	0.7708	0.8808	1.37 B	18.4	12.3	2.42E	3.38	4.47	0.814	1.88 E	8.88	2.708	18
19	1.00 B	0.8408	1.48 B	20.0	11.0	3.13E	3.08	3.53	1.07	1.88 E	8.45	2.838	19
20	1.24 B	0.8208	1.40 B	21.5	9.83	2.81E	2.90	2.75	1.13	2.03 E	5.008	2.858	20
21	1.18 B	0.8708	1.38 B	18.6	9.20	1.88E	2.48	2.25	1.11	2.25 E	4.338	2.808	21
22	1.14 B	0.8208	1.33 B	18.4	8.50	1.88E	2.48	2.02	1.11	2.03 E	3.878	2.458	22
23	1.10 B	0.8808	1.30 B	17.2	7.88	1.73E	2.31	1.88	1.11	3.47 E	3.828	2.408	23
24	1.08 B	0.8408	1.28 B	18.3	5.87E	1.88A	2.18	1.84	1.13	8.41 E	3.408	2.308	24
25	1.05 B	0.8108	1.35 B	16.3	5.38E	1.78	2.03	1.74	1.02	11.4 E	3.198	2.238	25
26	1.02 B	0.7808	2.08 B	17.4	7.27E	3.04	1.88	2.03	0.838	18.1 A	4.088	2.178	26
27	1.00 B	0.7708	5.30 B	23.5	7.80E	3.14	1.78	2.11	0.882	11.4	5.388	2.118	27
28	0.8808	0.7808	11.8 B	27.4	8.88E	2.77	1.70	1.78	0.881	9.05	8.008	2.058	28
29	0.9808	0.7508	24.0 B	26.9	5.88E	2.81	1.84	1.88	0.884	7.85	21.5 B	2.018	29
30	0.8408		27.5 B	28.0	4.80E	8.81	1.83	1.84	0.830	8.75	14.0 B	1.888	30
31	0.8208		24.5 B		4.80E		1.48	1.80		8.88		1.908	31
TOTAL	31.288	26.801	122.880	758.2	883.08	93.10	138.78	79.92	32.698	113.521	287.71	110.41	TOTAL
MEAN	1.01	0.828	3.86	25.3	21.4	3.07	4.48	2.58	1.10	3.66	9.82	3.56	MEAN
MAX	1.42	1.23	27.5	43.3	56.2	8.81	15.3	8.42	1.45	18.1	32.8	10.0	MAX
MIN	0.770	0.750	0.840	17.2	4.80	1.73	1.48	1.24	0.830	0.828	3.18	1.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.75
MAXIMUM DAILY, 56.2 ON MAY 7
MINIMUM DAILY, 0.7508 ON FEB 29
MAXIMUM INSTANTANEOUS,
62.4 AT 02:55 AST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 39 21 N
LONG 65 41 37 W
DRAINAGE AREA, 383 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 700	JUL	12 000
FEB	2 320	AUG	6 910
MAR	10 600	SEP	2 840
APR	65 600	OCT	9 810
MAY	87 200	NOV	25 700
JUN	7 890	DEC	9 540

TOTAL DISCHARGE, 213 000 dam³

TRUIOUE RIVER AT NARROWS - STATION NO. 01AN004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.1	55.2	39.5	158	178	58.2	25.1	18.5	18.0	11.7	87.5	60.6	1
2	54.0	48.9	31.7	143	168	56.0	40.4	15.1	15.2	12.4	68.4	78.7	2
3	59.5	72.4	53.0	171	182	52.1	2.38	16.3	13.7	24.9	51.7	74.0	3
4	48.7	72.3	39.9	236	138	36.4	41.5	23.9	21.3	28.3	63.2	65.3	4
5	51.4	71.4	40.1	308	137	28.9	39.5	18.3	13.9	9.87	80.2	39.5	5
6	55.4	59.0	35.5	352	142	43.3	20.3	23.5	23.5	24.3	13.5	27.5	6
7	55.2	52.5	33.5	332	147	30.2	33.2	30.9	15.4	40.3	53.0	45.7	7
8	51.5	35.0	36.2	333	143	33.3	26.5	89.1	20.0	7.78	82.1	55.5	8
9	48.7	39.5	27.0	332	128	39.7	23.0	74.2	12.5	7.48	72.5	74.5	9
10	57.4	45.5	32.1	290	118	39.7	13.4	37.3	13.1	27.3	53.4	42.1	10
11	57.4	43.1	43.7	311	118	16.5	33.3	33.0	11.3	27.0	58.5	50.1	11
12	51.5	51.1	7.63	285	116	22.5	35.4	27.7	17.0	38.1	51.5	48.0	12
13	57.0	44.5	20.5	224	15	48.0	28.5	32.7	21.3	40.2	22.5	48.3	13
14	74.5	40.3	15.2	210	116	40.5	25.0	10.7	13.1	25.5	74.1	34.3	14
15	70.2	52.5	22.5	194	118	32.5	30.2	12.7	5.55	17.1	53.3	5.32	15
16	35.1	50.4	17.1	189	95.5	51.5	31.7	27.4	22.2	15.7	51.5	72.4	16
17	25.5	51.5	17.5	182	78.7	5.26	25.5	54.3	15.7	21.2	54.5	52.5	17
18	53.0	55.1	22.5	183	54.0	27.1	15.2	20.2	15.5	20.1	71.0	47.5	18
19	57.4	55.5	21.4	187	50.3	43.1	25.5	23.4	15.5	55.7	70.5	55.5	19
20	55.7	50.2	14.5	190	51.7	30.0	23.5	24.5	23.5	35.5	58.2	54.5	20
21	59.5	51.5	54.2	190	55.0	29.5	25.5	20.0	25.7	30.5	50.5	55.5	21
22	57.5	51.5	14.5	182	55.0	28.2	28.3	20.5	15.7	40.1	50.5	50.0	22
23	55.1	51.5	11.0	189	56.0	26.4	25.1	27.5	20.2	35.5	47.2	55.5	23
24	52.0	55.5	17.2	188	51.5	21.5	2.85	27.0	20.2	18.4	51.1	55.0	24
25	55.5	51.3	47.7	184	55.0	21.7	20.0	22.5	15.5	37.2	55.5	49.4	25
26	72.7	35.5	46.4	187	55.5	27.5	15.2	29.3	14.0	74.5	3.55	50.0	26
27	52.0	57.5	57.5	188	75.5	43.5	50.0	11.1	27.5	75.1	33.5	52.7	27
28	74.5	45.4	101	174	57.5	25.5	14.1	21.5	15.7	48.2	55.5	55.2	28
29	47.5	44.1	103	174	53.5	41.3	14.5	21.4	15.7	50.3	55.1	54.5	29
30	54.5		101	173	50.0	35.3	22.5	12.3	23.2	55.7	104	54.2	30
31	49.1		113		55.3		5.87	21.2		61.5		52.7	31
TOTAL	1 736.4	1 501.3	1 221.53	5 514	3 093.3	1 028.26	819.55	614.1	538.55	1 018.34	1 838.05	1 730.02	TOTAL
MEAN	55.1	51.5	39.4	217	99.5	34.3	26.4	26.3	18.0	32.5	54.5	55.5	MEAN
MAX	74.5	72.4	113	352	178	58.2	80.0	74.2	27.5	75.1	104	55.5	MAX
MIN	25.5	31.5	7.63	143	50.0	5.26	2.38	10.7	5.55	7.48	3.55	5.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.0
MAXIMUM DAILY, 352 ON APR 5
MINIMUM DAILY, 2.36 ON JUL 3

DATA CONTRIBUTED BY -
NEW BRUNSWICK ELECTRIC POWER COMMISSION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 47 30 N
LONG 67 41 00 W
DRAINAGE AREA, 4 330 km²

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	190 000	JUL	70 600
FEB	130 000	AUG	70 300
MAR	105 000	SEP	48 500
APR	563 000	OCT	88 000
MAY	287 000	NOV	157 000
JUN	89 800	DEC	149 000

TOTAL DISCHARGE, 1 900 000 dam³

TOBIQUE RIVER AT PLASTER ROCK - STATION NO. 01AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.0B	40.0B	31.0B	85.0B		132	47.5	27.5	18.3	14.8	15.9	38.1	85.8	1
2	43.0B	46.0B	33.0B	90.0B		125	44.3	25.9	18.6	13.6	15.0	38.9	80.7	2
3	42.0B	53.0B	36.0B	100	B	118	41.0	26.7	15.0	18.5	17.8	85.7	57.7	3
4	41.1B	50.0B	34.0B	135	B	114	38.4	29.8	17.1	18.8	18.2	80.4	53.1	4
5	37.0B	52.0B	31.0B	230	B	117	35.7	30.4	20.5	18.4	18.5	84.4	46.8	5
6	35.0B	40.0B	33.0B	215	B	121	33.3	23.6	19.8	18.2	18.4	80.1	38.7	6
7	36.8B	32.0B	30.0B	198	B	126	32.3	21.7	22.4	18.8	23.5	49.4	79.1	7
8	38.0B	24.0B	27.0B	202	B	131	30.4	21.2	40.1	18.8	25.4	52.4	84.0B	8
9	41.0B	28.0B	26.0B	110	B	113	29.1	20.4	38.8	13.7	21.1	84.0	88.0B	9
10	51.0B	32.0B	32.8B	212		107	26.0	19.0	26.7	12.7	19.3	81.4	44.0B	10
11	48.0B	35.0B	21.8B	217		102	27.3	25.3	21.5	12.3	22.7	86.8	37.0B	11
12	46.0B	37.0B	22.0B	190		111	28.6	27.3	18.4	12.1	37.0	83.2	33.0B	12
13	44.0B	38.0B	23.0B	188		111	28.2	23.8	16.8	14.0	24.2	87.0	30.0B	13
14	50.0B	40.0B	17.0B	158		100	30.3	22.8	17.8	13.7	21.1	84.8	28.0B	14
15	44.0B	37.0B	16.4B	141		91.5	40.7	23.9	18.4	14.3	20.0	87.1	44.0B	15
16	37.0B	39.0B	15.8B	138		85.2	33.8	25.0	20.9	13.4	19.5	87.3	80.0B	16
17	38.0B	40.0B	16.0B	132		78.8	28.2	22.4	28.0	15.1	18.5	84.7	48.0B	17
18	40.0B	41.0B	16.0B	127		76.7	30.4	20.8	23.3	13.1	18.4	88.5	43.0B	18
19	42.0B	40.0B	15.0B	146		71.4	28.4	21.3	18.7	18.7	24.8	88.7	40.0B	19
20	44.0B	39.0B	14.0B	187		88.8	24.8	26.7	20.8	17.7	31.8	82.3	42.0B	20
21	48.0B	43.0B	13.0B	144		82.7	28.2	28.4	18.8	18.7	27.2	82.4	44.0B	21
22	49.0B	41.0B	13.4B	133		88.2	26.1	21.9	15.8	21.8	24.4	80.9	45.0B	22
23	84.0B	38.0B	13.8B	124		85.3	24.0	19.3	21.8	21.0	23.8	81.1	46.8B	23
24	81.0B	37.0B	14.0B	125		83.6	23.2	17.4	21.4	19.8	27.5	84.8	40.0B	24
25	48.0B	34.0B	14.8B	120		80.4	20.7	18.2	16.2	18.7	34.0	84.8	42.0B	25
26	47.0B	38.0B	18.0B	117		81.2	27.3	18.8	18.8	18.2	89.0	38.1	44.0B	26
27	48.0B	41.0B	32.0B	123		87.4	35.8	16.8	18.2	14.4	82.7	37.4	42.0B	27
28	48.0B	37.0B	46.0B	132		89.5	29.1	15.3	18.3	15.3	45.8	48.6	39.0B	28
29	47.0B	36.0B	86.0B	134		81.6	25.8	14.8	15.0	15.8	46.8	71.6	41.0B	29
30	44.0B		84.0B	132		46.6	26.9	15.6	15.1	18.1	48.4	84.9	39.0B	30
31	42.0B		82.0B			46.3		15.5	18.4		42.4		37.0B	31
TOTAL	1 359.8	1 131.0	882.0	4 434.0		2 700.7	819.3	680.3	632.4	488.2	885.1	1 582.5	1 418.0	TOTAL
MEAN	43.8	38.0	28.8	148		87.1	30.6	21.8	20.1	15.8	27.8	82.8	45.7	MEAN
MAX	84.0	53.0	86.0	230		132	47.5	30.4	40.1	21.8	89.0	71.8	79.1	MAX
MIN	36.0	24.0	13.0	88.0		46.3	20.7	14.8	15.0	12.1	15.0	34.8	29.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.6
MAXIMUM DAILY, 230B ON APR 5
MINIMUM DAILY, 12.1 ON SEP 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 54 16 N
LONG 67 23 42 W
DRAINAGE AREA, 3 130 km²

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	117 000	JUL	58 800
FEB	97 700	AUG	53 800
MAR	77 100	SEP	40 500
APR	383 000	OCT	73 500
MAY	233 000	NOV	137 000
JUN	78 400	DEC	123 000

TOTAL DISCHARGE, 1 470 000 dam³

TOBIQUE RIVER AT RILEY BROOK - STATION NO. 01AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.0B	35.0B	27.0B	52.6	83.6	35.8	15.1	10.8	8.82	9.81	22.8	37.7	1
2	36.8B	37.0B	26.0B	88.3	88.0	33.9	17.0	12.8	8.88	11.1	23.6	36.1	2
3	38.0B	47.0B	29.0B	83.6	86.8	32.8	17.2	10.6	11.1	10.3	32.7	35.2	3
4	34.0B	46.0B	27.0B	67.7	85.1	30.7	21.3	11.8	10.2	10.2	32.8	33.4	4
5	32.0B	47.0B	25.0B	117	86.1	29.2	17.1	12.9	8.80	10.1	29.7	32.4	5
6	32.8B	43.0B	26.0B	121	92.4	37.7	15.1	12.3	10.2	15.2	28.8	42.0B	6
7	34.0B	38.0B	26.0B	118	88.7	28.4	14.8	14.8	10.8	17.7	29.2	52.0B	7
8	38.0B	30.0B	24.8B	118	93.0	25.0	14.3	20.4	9.40	14.1	30.1	48.0B	8
9	47.0B	28.0B	22.8B	122	87.8	23.8	14.2	16.2	8.80	13.5	29.8	45.0B	9
10	44.0B	28.0B	20.0B	124	84.2	22.8	15.1	13.8	8.88	12.5	29.1	40.0B	10
11	39.0B	28.0B	18.8B	129	80.3	33.2	30.8	11.9	8.24	21.5	34.9	32.0B	11
12	41.0B	30.0B	18.0B	116	88.0	21.1	17.8	10.9	9.86	16.5	38.1	26.0B	12
13	45.0B	31.0B	22.0B	112	83.1	18.9	17.0	12.2	8.82	14.8	33.1	24.0B	13
14	41.0B	33.0B	17.7	99.2	75.8	22.0	16.5	10.4	9.03	13.0	33.6	24.0B	14
15	36.0B	32.0B	17.1	95.9	69.7	24.1	18.2	10.9	9.08	12.8	34.5	45.0B	15
16	31.8B	33.0B	15.5	84.3	85.1	31.7	17.2	14.9	10.8	11.9	34.5	42.0B	16
17	32.0B	34.0B	14.9	89.7	81.0	18.3	16.1	15.2	8.40	11.5	34.4	40.0B	17
18	33.8B	35.0B	14.5	86.7	67.5	20.6	15.8	13.3	8.41	11.7	38.0	37.0B	18
19	35.0B	34.0B	14.1	88.0	64.5	18.8	14.4	14.2	8.88	14.7	35.3	35.0B	19
20	37.0B	34.0B	13.7	103	61.3	17.5	17.4	11.8	8.23	18.2	33.4	38.0B	20
21	39.0B	36.0B	12.5	98.1	48.8	16.7	15.7	10.2	8.80	16.7	34.0	37.0B	21
22	41.0B	34.0B	14.1	92.5	46.8	17.8	13.8	13.8	12.2	13.4	34.8	40.0B	22
23	44.0B	31.0B	14.0	88.8	43.1	17.2	13.1	16.8	11.8	13.7	45.1	38.0B	23
24	42.0B	28.8B	14.3	87.8	41.8	15.6	12.2	12.3	10.8	16.2	27.8	39.0B	24
25	41.0B	31.0B	14.8	84.8	39.2	14.7	11.8	9.98	8.36	20.8	28.2	38.0B	25
26	38.0B	34.0B	15.6	81.9	44.2	20.2	12.1	11.8	8.80	28.8	28.8	38.8B	26
27	42.0B	34.0B	28.4	86.8	44.0	20.5	10.8	11.2	9.38	26.5	29.0	35.0B	27
28	38.0B	33.0B	48.8	82.4	40.4	17.7	10.4	10.2	8.87	24.9	31.8	34.0B	28
29	41.0B	31.0B	61.5	84.5	38.0	16.4	10.8	9.82	10.1	25.8	38.7	37.8B	29
30	38.0B		80.1	83.8	35.8	17.5	11.8	9.81	10.8	25.8	38.0	38.0B	30
31	38.0B		82.4		35.7		11.8	10.2		23.8		35.0B	31
TOTAL	1 181.0	883.8	735.4	2 908.0	2 038.0	671.8	488.8	380.12	280.08	505.81	988.1	1 147.8	TOTAL
MEAN	38.1	34.2	23.7	99.6	85.7	22.4	15.1	12.8	9.87	16.3	32.3	37.0	MEAN
MAX	47.0	47.0	82.4	129	86.7	35.8	21.3	20.4	12.2	28.8	48.1	82.0	MAX
MIN	31.8	28.0	12.5	82.8	35.8	14.7	10.4	9.81	8.24	9.81	22.8	24.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.8
MAXIMUM DAILY, 129 ON APR 11
MINIMUM DAILY, 8.24 ON SEP 11
MAXIMUM INSTANTANEOUS,
132 AT 05:51 AST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 24 N
LONG 67 12 36 W
DRAINAGE AREA, 2 230 km²

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	102 000	JUL	40 500
FEB	85 800	AUG	33 700
MAR	63 500	SEP	28 100
APR	251 000	OCT	43 700
MAY	175 000	NOV	83 700
JUN	58 000	DEC	99 200

TOTAL DISCHARGE, 1 080 000 dam³

NEW BRUNSWICK

TURTLE CREEK AT TURTLE CREEK - STATION NO. 01BU003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.18 B	1.32B	3.40B	12.8	15.7	2.85	1.20	0.459	0.872	0.327	1.34	7.07	1
2	1.16 B	1.70B	3.21B	12.7	13.6	2.28	1.11	0.435	0.548	0.327	18.1	8.00	2
3	1.13 B	2.00B	3.00B	13.1	12.0	2.90	0.818	0.417	0.528	0.302	18.5	5.09	3
4	1.10 B	2.80B	2.80B	17.3	14.3	2.48	0.928	0.483	0.528	0.283	9.07	4.55	4
5	1.08 B	3.00B	2.88B	18.6	12.2	2.73	0.884	0.429	0.888	0.522	8.37	4.38 B	5
6	1.05 B	2.70B	2.80B	15.0	13.9	2.83	0.775	0.424	0.885	0.805	5.73	3.97 B	6
7	1.03 B	2.45B	2.38B	12.8	15.9	2.81	0.700	0.412	0.548	0.570	4.87	3.84 B	7
8	1.01 B	2.25B	2.25B	10.8	14.1	2.38	0.877	0.588	0.502	0.483	4.18	3.17	8
9	0.980B	2.00B	2.15B	11.9	11.8	2.20	0.818	0.412	0.481	0.831	3.68	2.80 B	9
10	0.970B	1.82B	2.05B	18.5	10.8	2.15	0.880	0.378	0.470	0.888	3.41	2.80 B	10
11	0.940B	1.68B	1.95B	18.7	10.1	1.95	0.802	0.385	0.484	0.801	3.58	2.40 B	11
12	0.925B	1.58B	2.30B	12.7	9.51	1.78	0.873	0.382	0.439	1.13	3.13	2.25 B	12
13	0.900B	1.48B	2.80B	10.0	8.15	1.72	0.847	0.357	0.401	0.821	2.78	2.00 B	13
14	0.880B	1.80B	2.13B	8.84	7.17	1.88	0.548	0.388	0.419	0.743	3.33	1.82 B	14
15	0.850B	2.20B	1.99	7.95	6.98	1.48	0.828	0.638	0.388	0.708	3.08	1.70 B	15
16	0.850B	2.50B	1.91	8.84	5.18	1.33	0.802	2.07	0.382	0.851	2.81	1.82 B	16
17	0.830B	2.80B	1.87	12.3	5.52	1.26	0.834	1.34	0.344	0.831	2.78	1.42 B	17
18	0.814B	2.55B	1.80B	9.85	6.39	1.83	0.588	0.848	0.347	0.834	3.77	1.28 B	18
19	1.20 B	2.20B	1.73B	10.2	4.99	1.23	0.803	0.702	0.482	0.818	3.08	1.18 B	19
20	1.80 B	2.35B	1.68B	11.1	4.51	1.09	0.814	0.581	0.414	1.81	2.84	1.09 B	20
21	1.82 B	2.80B	1.62B	10.8	4.04	1.01	0.488	0.584	0.390	1.24	8.01	0.980B	21
22	1.72 B	3.08B	1.58B	8.81	3.85	0.981	0.743	0.871	0.381	1.05	4.84	0.900B	22
23	1.62 B	3.50B	1.52B	9.58	3.43	1.18	0.872	0.543	0.368	2.84	3.78	0.850B	23
24	1.50 B	8.00B	1.50B	8.92	3.19	1.14	0.575	0.488	0.353	2.28	3.58	0.820B	24
25	1.42 B	5.80B	2.25	9.52	3.43	0.925	0.810	0.488	0.323	2.82	3.35	1.03 B	25
26	1.62 B	5.00B	12.6	9.57	5.84	1.28	0.708	0.444	0.330	2.81	3.18	0.980B	26
27	1.68 B	4.80B	44.3	11.4	4.06	1.08	0.588	0.488	0.324	2.26	3.02	0.820B	27
28	1.78 B	4.10B	33.3	13.0	3.38	1.00	0.884	0.441	0.342	1.88	4.78	1.05 B	28
29	1.82 B	3.80B	19.8	16.6	3.23	0.888	0.808	0.432	0.332	1.88	13.2	1.28 B	29
30	1.62 B		13.8	16.0	3.03	0.940	0.575	1.18	0.340	1.70	7.89	1.14 B	30
31	1.40 B		12.7		2.99		0.505	0.943		1.80		1.08 B	31
TOTAL	38.728	81.33	181.52	389.98	242.25	51.785	20.774	18.637	13.171	38.134	188.02	70.810	TOTAL
MEAN	1.25	2.80	5.15	12.3	7.81	1.73	0.670	0.801	0.438	1.17	5.17	2.29	MEAN
MAX	1.90	8.00	44.3	18.5	15.9	3.28	1.20	2.07	0.888	2.84	18.5	7.07	MAX
MIN	0.814	1.32	1.80	7.85	2.99	0.888	0.488	0.388	0.323	0.283	1.34	0.820	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.53
MAXIMUM DAILY, 44.3 ON MAR 27
MINIMUM DAILY, 0.283 ON OCT 4
MAXIMUM INSTANTANEOUS,
58.2 AT 17:58 AST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 57 29 N
LONG 64 52 44 W
DRAINAGE AREA, 129 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 380	JUL	1 780
FEB	7 030	AUG	1 810
MAR	15 800	SEP	1 140
APR	32 000	OCT	3 120
MAY	20 900	NOV	13 400
JUN	4 470	DEC	6 130

TOTAL DISCHARGE, 111 000 dam³

UPSALQUITCH RIVER AT UPSALQUITCH - STATION NO. 01BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8 B	8.70B	8.80B	13.78	187	37.8	23.8	9.18	10.2	8.48	33.0	35.8	1
2	12.5 B	9.20B	8.70B	20.08	150	35.8	23.4	8.88	9.80	8.32	32.4	32.8	2
3	12.1 B	9.10B	8.60B	35.08	183	33.3	22.3	8.32	9.83	10.3	43.5	30.0	3
4	11.8 B	9.00B	8.50B	75.08	186	30.2	21.8	8.50	9.85	11.8	42.8	30.8	4
5	11.5 B	8.80B	8.40B	148	182	27.7	19.8	9.91	10.9	10.6	38.4	22.9	5
6	11.3 B	8.70B	8.30B	141	214	26.8	18.8	11.9	14.0	10.3	37.1	18.08	6
7	11.0 B	8.50B	8.20B	132	223	26.2	17.7	27.8	12.9	10.2	38.1	26.08	7
8	10.8 B	8.50B	8.10B	131	214	23.7	17.4	24.3	10.9	10.0	38.0	22.58	8
9	10.8 B	8.30B	8.00B	128	183	22.8	18.7	22.0	9.94	9.58	37.8	20.08	9
10	10.4 B	8.20B	8.40B	137	177	21.4	18.5	18.8	9.87	11.3	37.0	19.08	10
11	10.2 B	8.10B	8.30B	155	164	21.7	18.7	17.1	9.57	12.8	40.5	18.38	11
12	10.0 B	7.90B	8.20B	151	161	21.4	17.4	14.7	9.10	13.3	41.1	17.88	12
13	9.80B	7.80B	8.10B	138	148	20.3	18.2	13.0	8.83	13.4	37.8	17.38	13
14	9.60B	7.70B	8.00B	131	130	19.7	17.8	15.0	10.5	12.8	38.2	16.88	14
15	9.80B	8.00B	8.80B	127	114	20.5	16.8	16.2	10.8	12.8	38.3	16.38	15
16	9.40B	8.30B	8.80B	127	99.8	19.2	16.5	23.1	9.88	12.2	38.0	16.08	16
17	9.20B	8.00B	8.70B	122	90.0	18.2	16.5	22.4	8.85	11.8	37.0	15.88	17
18	9.40B	8.20B	8.85B	116	82.3	18.2	16.2	18.8	8.80	11.8	37.8	15.88	18
19	10.0 B	8.00B	8.80B	139	76.3	17.4	16.8	17.4	10.0	13.3	38.8	15.48	19
20	9.80B	7.80B	8.50B	183	69.3	16.5	16.2	16.7	10.8	18.9	34.2	17.28	20
21	9.80B	7.70B	8.40B	147	83.5	17.0	13.6	14.3	9.81	18.0	32.18	18.88	21
22	9.70B	7.80B	8.35B	136	89.4	16.3	12.8	13.4	10.8	18.3	28.08	18.48	22
23	9.80B	7.40B	8.30B	126	86.4	15.4	12.3	13.1	10.8	15.7	27.08	18.08	23
24	9.20B	7.30B	8.20B	127	81.8	14.4	11.4	12.2	10.1	21.3	24.38	18.88	24
25	9.10B	7.20B	8.10B	123	67.4	13.3	11.8	12.1	9.85	33.4	23.48	15.78	25
26	9.00B	7.15B	8.80B	120	81.8	21.3	11.2	14.1	9.03	88.0	23.88	15.48	26
27	8.80B	7.10B	8.40B	138	82.5	26.4	11.3	14.4	8.82	48.6	23.88	15.28	27
28	8.80B	7.00B	8.00B	188	67.8	20.8	11.1	12.8	8.85	48.4	28.08	15.08	28
29	8.40B	8.88B	10.0 B	187	43.0	18.8	10.8	12.1	8.79	42.8	38.8	14.88	29
30	8.30B		14.0 B	182	38.8	22.2	10.2	11.8	8.73	39.2	34.1	14.48	30
31	8.20B		14.2 B		36.0		9.88	11.1		39.1		14.78	31
TOTAL	310.80	232.43	287.30	3 738.7	3 813.1	682.7	490.78	484.48	300.13	800.80	1 042.1	594.9	TOTAL
MEAN	10.0	8.01	8.89	125	113	22.1	15.8	15.0	10.0	18.4	34.7	19.2	MEAN
MAX	12.8	9.20	14.2	187	233	37.8	23.8	27.8	14.0	88.0	43.5	35.8	MAX
MIN	8.20	8.88	8.10	13.7	36.0	13.3	9.88	8.32	8.72	8.32	23.4	14.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.2
MAXIMUM DAILY, 233 ON MAY 7
MINIMUM DAILY, 8.10B ON MAR 25
MAXIMUM INSTANTANEOUS,
238 AT 10:48 AST ON MAY 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 49 54 N
LONG 66 52 54 W
DRAINAGE AREA, 2 270 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 900	JUL	42 400
FEB	20 100	AUG	40 100
MAR	17 800	SEP	28 800
APR	323 000	OCT	51 800
MAY	304 000	NOV	80 000
JUN	57 300	DEC	61 400

TOTAL DISCHARGE, 1 050 000 dam³

WALKER BROOK AT CAMPBELLTON - STATION NO. 01BJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2958	0.1888	0.134	1.48	5.11	0.848	0.782	0.224	0.378	0.311	1.54	0.918	1
2	0.2858	0.1788	0.127	1.80	5.48	0.890	0.838	0.198	0.387	0.305	1.61	0.880	2
3	0.2758	0.1888	0.132	1.81	6.07	0.882	0.728	0.188	0.388	0.888	1.67	0.848	3
4	0.2678	0.1888	0.128	2.88	7.00	0.829	0.625	0.284	0.343	0.811	1.87	0.782	4
5	0.2808	0.1588	0.124	3.17	8.44	0.776	0.536	0.280	1.08	0.433	1.58	0.8488	5
6	0.2538	0.1518	0.1218	3.05	11.4	0.744	0.508	0.821	0.808	0.483	1.82	0.4118	6
7	0.2478	0.1488	0.132	2.89	8.78	0.700	0.507	1.84	0.598	0.488	1.73	0.8068	7
8	0.2388	0.1478	0.130	2.84	7.22	0.676	0.487	0.891	0.518	0.436	1.87	0.7508	8
9	0.2318	0.1438	0.128	2.72	6.83	0.648	0.428	0.788	0.448	0.484	1.87	0.7008	9
10	0.2288	0.1388	0.1218	4.08	6.08	0.618	0.371	0.838	0.420	0.881	1.84	0.6508	10
11	0.2208	0.1388	0.1188	5.13	4.21	0.576	0.331	0.782	0.401	0.887	1.80	0.6008	11
12	0.2128	0.1388	0.1228	4.80	4.07	0.581	0.533	0.648	0.388	0.818	1.89	0.5808	12
13	0.2078	0.1338	0.1308	4.00	3.30	0.518	0.680	0.853	0.488	0.848	1.48	0.5808	13
14	0.2008	0.1308	0.138	3.82	2.71	0.540	0.672	0.790	0.452	0.841	1.81	0.5408	14
15	0.1958	0.1288	0.138	3.74	2.30	0.400	0.832	0.883	0.387	0.842	1.48	0.5208	15
16	0.1888	0.1288	0.124	3.53	2.11	0.388	0.847	1.19	0.342	0.834	1.41	0.5008	16
17	0.1828	0.1248	0.1758	3.30	1.88	0.383	0.889	1.01	0.312	0.825	1.36	0.4808	17
18	0.1788	0.1228	0.1448	2.97	1.62	0.380	0.484	0.880	0.408	0.488	1.38	0.4708	18
19	0.1738	0.1208	0.1318	3.23	1.82	0.341	0.611	0.788	0.508	0.881	1.25	0.4808	19
20	0.1888	0.1408	0.1258	3.08	1.48	0.323	0.548	0.760	0.417	0.888	1.17	0.5408	20
21	0.1858	0.1588	0.1228	2.78	1.38	0.381	0.428	0.888	0.521	0.855	1.14 B	0.5208	21
22	0.1588	0.188	0.1188	2.62	1.34	0.328	0.408	0.886	0.582	0.589	1.08 B	0.5008	22
23	0.1538	0.157	0.1148	2.58	1.42	0.338	0.347	0.881	0.486	1.07	1.00 B	0.4808	23
24	0.1508	0.148	0.1108	2.72	1.23	0.280	0.334	0.821	0.484	1.18	0.9508	0.4808	24
25	0.1488	0.147	0.1508	2.88	1.13	0.273	0.330	0.708	0.383	4.30	0.9008	0.4408	25
26	0.1428	0.164	0.1888	2.87	1.28	0.723	0.318	0.834	0.388	3.71	0.8788	0.4208	26
27	0.1388	0.143	0.6008	4.43	1.30	0.708	0.322	0.878	0.341	2.83	0.8508	0.4108	27
28	0.1388	0.142	1.00 B	5.38	1.28	0.646	0.378	0.834	0.347	2.39	0.912	0.4008	28
29	0.1328	0.137	1.20 B	5.58	1.07	0.594	0.280	0.678	0.338	2.18	1.18	0.3808	29
30	0.1288		1.30 B	5.81	0.877	0.921	0.258	0.804	0.322	1.80	0.958	0.3808	30
31	0.1248		1.40		1.00		0.241	0.432		1.88		0.3708	31
TOTAL	6.078	4.174	6.833	100.47	111.487	17.089	15.303	21.828	13.539	32.887	40.817	17.320	TOTAL
MEAN	0.196	0.144	0.285	3.35	3.60	0.569	0.494	0.898	0.451	1.06	1.36	0.559	MEAN
MAX	0.295	0.178	1.40	5.58	11.4	0.948	0.832	1.84	1.08	4.30	1.87	0.815	MAX
MIN	0.124	0.120	0.110	1.45	0.877	0.273	0.241	0.189	0.312	0.305	0.850	0.370	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 11.4 ON MAY 6
MINIMUM DAILY, 0.1108 ON MAR 24
MAXIMUM INSTANTANEOUS,
13.3 AT 19:37 AST ON MAY 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 59 17 N
LONG 66 41 49 W
DRAINAGE AREA, 80.8 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	525	JUL 1 320	
FEB	381	AUG 1 870	
MAR	783	SEP 1 170	
APR 8	680	OCT 2 840	
MAY 8	630	NOV 3 530	
JUN 1	470	DEC 1 800	

TOTAL DISCHARGE, 33 700 dam³

NOVA SCOTIA

ANNAPOLIS RIVER AT LAWRENCETOWN - STATION NO. 01DC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.6 B	28.0B	33.0B	51.1	44.1	17.8	7.04	18.6	7.88	3.71	18.0	75.3	1
2	13.6 B	36.0B	30.0B	47.4	39.4	18.9	10.1	18.5	8.54	8.18	45.0	88.6	2
3	13.2 B	50.0B	28.0B	44.8	38.1	14.7	10.3	12.6	8.04	8.82	72.6	43.1	3
4	12.7 B	44.0B	27.0B	48.8	38.4	13.9	9.08	9.27	8.88	8.46	88.8	34.8	4
5	12.5 B	40.0B	26.0B	80.1	38.0	15.1	8.67	7.76	8.88	9.18	44.3	28.8	5
6	13.2 B	33.0B	24.0B	88.5	33.3	18.2	8.37	8.48	8.88	10.7	35.5	23.9	6
7	11.8 B	30.0B	23.8B	81.8	27.7	17.2	8.48	8.26	10.7	9.10	34.8	18.78	7
8	11.7 B	28.0B	23.0B	88.0	28.5	15.8	4.88	8.21	8.32	8.68	32.4	17.48	8
9	11.4 B	24.0B	22.4B	57.8	22.8	14.7	4.47	8.88	7.84	8.18	28.2	18.28	9
10	11.1 B	22.0B	22.0B	50.8	21.4	13.7	3.88	7.84	7.32	8.73	28.1	15.38	10
11	10.8 B	21.0B	24.0B	43.8	20.3	12.8	7.00	8.47	7.07	10.8	28.8	14.78	11
12	10.8 B	20.0B	22.8B	41.3	19.8	10.4	7.80	8.07	7.84	13.4	28.7	14.48	12
13	10.4 B	25.0B	21.0B	38.8	18.8	8.88	7.00	8.88	7.78	11.8	24.2	18.88	13
14	10.2 B	35.0B	20.8B	36.8	17.3	11.1	8.12	8.83	10.1	9.88	22.1	18.32	14
15	10.0 B	44.0B	19.8B	29.7	16.8	8.81	4.87	8.73	8.26	8.81	28.8	14.88	15
16	9.808	54.0B	18.0B	28.8	16.2	7.48	3.80	8.81	8.08	10.8	23.1	14.38	16
17	9.608	88.0B	18.8B	37.2	15.8	7.81	8.78	8.87	8.83	8.88	22.0	14.08	17
18	9.408	78.0B	18.8B	36.2	13.4	8.16	9.37	7.22	8.83	8.17	28.8	13.78	18
19	12.0 B	72.0B	18.2B	32.7	17.0	8.76	7.18	8.73	8.89	7.88	28.1	13.88	19
20	15.8 B	88.0B	18.0B	33.8	15.8	8.77	8.34	8.81	11.1	15.8	26.0	13.38	20
21	18.8 B	74.0B	17.8B	40.4	15.4	8.43	5.80	8.88	11.2	21.0	84.2	24.28	21
22	21.0 B	84.0B	17.7B	37.7	13.8	7.78	7.11	8.36	10.9	18.8	88.1	24.88	22
23	22.8 B	78.0B	17.8B	38.8	13.8	8.88	8.48	8.84	10.8	20.4	51.3	13.48	23
24	23.7 B	83.8B	18.0B	37.8	13.8	8.23	12.8	8.10	8.48	18.2	38.4	12.88	24
25	23.8 B	88.0B	26.2	88.0	18.2	8.21	48.8	8.08	7.88	17.8	30.8	12.88	25
26	48.8	80.0B	38.8	73.1	23.8	8.77	38.8	7.00	8.78	20.4	28.1	21.88	26
27	76.8	42.0B	72.4	88.7	23.0	8.47	28.4	8.82	8.73	18.3	24.2	18.48	27
28	88.7	37.8B	77.0B	80.0	20.7	10.8	28.7	8.88	7.40	18.3	82.0	18.08	28
29	44.1	35.0B	78.0B	48.8	18.3	8.88	34.4	8.83	7.27	20.7	122	38.0B	29
30	38.8		88.3B	47.8	18.4	8.18	28.4	11.1	8.48	18.8	88.1	32.8B	30
31	34.8		88.2		18.4		21.8	8.47		18.0		30.4B	31
TOTAL	836.20	1 384.0	843.7	1 483.8	887.0	328.47	404.71	245.87	252.81	400.88	1 228.6	722.1	TOTAL
MEAN	30.8	47.7	30.4	48.8	28.8	10.9	13.1	7.93	8.42	12.9	40.9	23.3	MEAN
MAX	76.8	88.0	77.0	88.8	44.1	18.2	48.8	18.4	11.2	21.0	122	78.3	MAX
MIN	9.40	20.0	17.8	27.7	12.4	8.21	3.80	8.08	8.88	3.71	18.0	12.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.7
MAXIMUM DAILY, 122 ON NOV 29
MINIMUM DAILY, 3.80 ON JUL 18
MAXIMUM INSTANTANEOUS,
127 AT 13:21 AST ON NOV 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 52 02 N
LONG 88 08 88 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88 000	JUL	38 000
FEB	120 000	AUG	21 200
MAR	81 400	SEP	21 800
APR	128 000	OCT	34 800
MAY	88 400	NOV	108 000
JUN	28 200	DEC	82 400

TOTAL DISCHARGE, 751 000 dam³

ANNAPOLIS RIVER AT WILMOT - STATION NO. 01DC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.448	8.358	18.2 B	28.8A	23.8	7.13	4.82	8.88	3.87	2.35	8.41	48.2	1
2	7.238	14.3 B	13.4 B	27.8A	20.8	8.08	8.84	7.31	3.28	2.38	18.8	32.4	2
3	8.888	33.7 B	12.3 B	28.1A	18.8	8.48	4.84	8.04	2.88	2.40	38.0	28.4	3
4	8.858	18.8 B	11.0 B	28.8E	20.8	4.81	4.28	8.07	2.88	2.42	30.8	20.8	4
5	8.388	14.8 B	10.0 B	88.8A	20.8	8.48	3.87	4.48	2.82	3.78	28.2	18.8	5
6	8.188	11.7 B	8.388	87.4	18.1	7.33	3.88	4.82	2.81	8.81	18.8	12.8 B	6
7	8.828	8.888	8.358	81.3	15.8	8.88	3.17	3.77	2.48	4.48	16.8	11.7 B	7
8	8.768	8.108	7.858	41.8	13.8	8.87	2.81	3.80	2.32	4.88	18.3	10.8 B	8
9	8.548	8.868	7.208	38.1	12.1	4.82	2.88	3.88	2.20	4.87	15.8	8.888	9
10	8.378	8.838	8.258	30.8	10.8	4.88	2.88	3.41	2.20	4.77	14.4	8.788	10
11	8.188	8.188	11.3 B	28.2	10.2	4.88	3.38	3.23	2.15	8.28	18.4	8.488	11
12	8.078	8.748	8.888	27.1	8.81	4.18	2.87	2.87	2.13	8.78	18.1	8.288	12
13	4.848	7.208	8.188	22.8A	8.43	3.78	2.48	2.80	2.10	8.82	13.8	8.888	13
14	4.848	11.1 B	8.838	18.2A	8.84	3.83	2.38	2.80	2.14	4.84	13.8	8.788	14
15	4.728	18.8 B	7.888	18.8A	8.84	3.41	2.48	2.84	2.01	4.83	14.3	8.888	15
16	4.888	24.8 B	7.838	18.8A	7.38	3.18	2.34	2.78	1.84	4.28	13.2	8.488	16
17	4.488	38.8 B	7.228	22.3A	8.81	2.87	2.32	2.84	1.80	3.88	11.8	8.388	17
18	4.408	34.4 B	8.878	22.1A	7.87	4.38	2.28	2.81	1.88	3.74	18.3	8.208	18
19	4.788	38.1 B	8.888	20.8A	7.88	4.47	2.17	2.88	2.72	3.84	18.2	8.088	19
20	8.288	28.8 B	8.488	21.8	7.31	3.83	2.14	2.38	2.88	3.88	13.7	7.978	20
21	8.848	42.7 B	8.378	28.8	8.88	3.41	2.11	2.28	2.48	12.8	31.8	7.848	21
22	8.828	34.8 B	8.128	23.8	8.43	3.02	4.38	2.87	2.33	11.1	37.8	7.778	22
23	7.088	28.4 B	8.428	22.8	8.83	2.81	4.84	2.88	2.28	18.8	38.7	7.788	23
24	7.248	47.4 B	8.788	22.1	8.88	2.84	8.87	2.41	2.23	18.8	23.4	7.638	24
25	7.488	34.7 B	8.488	28.7	8.28	2.78	27.8	2.38	2.18	12.3	17.8	8.288	25
26	11.8 B	38.8 B	18.8 B	43.1	11.8	3.24	23.1	2.34	2.82	13.8	14.8	7.888	26
27	18.8 B	33.8 B	18.2 B	38.2	11.2	4.13	17.4	2.47	1.88	12.8	13.4	7.688	27
28	18.7 B	18.8 B	42.8 B	31.2	8.88	4.81	17.4	2.48	1.88	11.1	22.2	7.588	28
29	11.8 B	17.7 B	48.8 B	27.1	8.82	4.48	18.8	2.28	1.88	11.1	87.8	20.8 B	29
30	8.888		38.8 B	28.2	8.88	3.88	14.8	4.88	2.34	11.1	87.8	22.2 B	30
31	8.848		34.3 A		8.88		18.8	8.28		8.88		33.8 B	31
TOTAL	222.87	801.28	414.38	804.2	343.82	131.88	210.88	108.88	70.23	212.88	888.81	412.22	TOTAL
MEAN	7.18	28.7	13.4	28.1	11.1	4.38	8.88	3.50	2.34	8.87	21.8	13.3	MEAN
MAX	18.8	47.4	48.8	87.4	23.8	7.33	27.8	8.88	3.87	13.8	87.8	48.2	MAX
MIN	4.48	4.74	8.12	18.8	8.88	2.78	2.11	2.28	1.88	2.35	8.41	7.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 87.8 ON NOV 28
MINIMUM DAILY, 1.88 ON SEP 28
MAXIMUM INSTANTANEOUS,
83.2 AT 18:10 AST ON NOV 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 58 58 N
LONG 88 01 47 W
DRAINAGE AREA, 848 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 200	JUL	18 200
FEB	81 800	AUG	8 280
MAR	38 800	SEP	8 078
APR	78 100	OCT	18 400
MAY	28 700	NOV	88 700
JUN	11 400	DEC	38 800

TOTAL DISCHARGE, 370 000 dam³

BEAVERBANK RIVER NEAR KINSAC - STATION NO. 01DG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.36	5.88E	2.76	7.07	5.25	0.468	0.481	7.59	0.224	0.241	3.84	9.61	1
2	1.22	5.01E	2.85	8.90	5.33	0.450	0.792	5.80	0.187	0.227	4.21	7.35	2
3	1.13	4.67E	2.31	9.94	4.82	0.428	0.841	4.81	0.187	0.187	8.89	5.62	3
4	1.13	4.80E	2.08	7.01	5.05	0.359	0.780	3.88	0.141	0.199	9.53	4.32	4
5	1.13 B	4.89E	1.98	9.43	5.39	0.395	0.825	2.91	0.260	1.02	7.79	3.39	5
6	1.13	4.88E	1.85	12.9	4.87	0.445	0.906	2.39	0.401	2.40	6.23	2.73	6
7	1.00	4.41E	1.67	14.2	4.06	0.384	0.637	1.91	0.375	2.84	7.11	2.34	7
8	0.955	3.88E	1.53	13.8	3.17	0.382	0.343	1.56	0.375	2.50	8.17	2.11	8
9	0.885	3.28E	1.36	11.7	2.59	0.366	0.278	1.35	0.326	2.78	7.16	1.81	9
10	0.838	2.90E	1.40	12.7	2.18	0.297	0.240	1.11	0.326	2.91	5.84	1.63	10
11	0.831	1.98A	1.84	13.1	1.88	0.412	0.203	0.899	0.326	2.80	4.84	1.32	11
12	0.847	1.88	2.18	11.4	1.80	0.342	0.200	0.774	0.266	3.27	4.10	1.08	12
13	0.859	2.85	2.19	8.81	1.47	0.308	0.173	0.619	0.243	3.02	3.35	0.893	13
14	0.902	5.27	2.05	8.49	1.31	0.315	0.138	0.541	0.266	2.80	4.42	0.706	14
15	0.820	6.32	1.78	8.04	1.18	0.276	0.188	0.520	0.276	2.20	5.88	0.626	15
16	0.812	9.17	1.55	4.28	1.01	0.240	0.156	0.480	0.293	1.83	6.06	0.575	16
17	0.870	20.7	1.40	5.85	0.997	0.218	0.126	0.466	0.275	1.55	5.10	0.537	17
18	0.888	16.4	1.29	8.06	1.08	0.249	0.121	0.412	0.263	1.32	5.88	0.503	18
19	1.06	13.1	1.26	7.70	1.04	0.235	0.115	0.385	0.356	1.31	5.81	0.501	19
20	1.74	9.83	1.21	8.77	0.927	0.233	0.109	0.311	0.404	19.5	5.08	0.486	20
21	2.83	13.4	1.15	11.0	0.832	0.208	0.104	0.294	0.420	21.5	8.41	0.436	21
22	3.52	11.5	1.03	9.70	0.773	0.178	0.489	0.328	0.430	13.6	12.3	0.480	22
23	3.78	9.00	0.981	8.43	0.671	0.180	0.885	0.318	0.488	10.3	9.78	0.515	23
24	3.88	8.81	0.924	7.27	0.643	0.143	1.41	0.287	0.488	10.7	7.35	0.513	24
25	3.28	8.19	0.868	6.87	0.804	0.132	5.37	0.280	0.408	14.8	5.37	0.510	25
26	5.07	8.40	1.29	7.88	0.880	0.153	7.84	0.228	0.381	11.8	4.12	0.884	26
27	16.2	4.88	3.02	7.32	0.882	0.178	8.27	0.208	0.328	9.12	3.28	0.743	27
28	16.1	3.78	10.5	8.04	0.850	0.188	8.13	0.208	0.287	7.00	3.14	0.691	28
29	10.8	3.02	13.1	5.41	0.587	0.218	7.80	0.187	0.311	5.84	10.5	0.630	29
30	7.81 A		10.1	8.44	0.541	0.233	8.73	0.208	0.262	5.61	12.5	1.47	30
31	8.87 E		7.84		0.480		8.85	0.246		4.74		1.56	31
TOTAL	99.378	200.89	87.113	287.23	83.047	8.728	89.482	40.913	9.490	187.404	188.78	58.445	TOTAL
MEAN	3.21	8.82	2.81	8.57	2.03	0.291	1.82	1.32	0.316	8.05	8.58	1.82	MEAN
MAX	16.2	20.7	13.1	14.2	8.26	0.488	8.73	7.58	0.488	21.5	12.5	8.81	MAX
MIN	0.847	1.88	0.924	4.28	0.480	0.132	0.104	0.187	0.141	0.187	3.14	0.438	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.48
MAXIMUM DAILY, 21.5 ON OCT 21
MINIMUM DAILY, 0.104 ON JUL 21
MAXIMUM INSTANTANEOUS,
28.2 AT 15:47 AST ON OCT 20

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 51 05 N
LONG 63 39 54 W
DRAINAGE AREA, 88.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 880	JUL	8 140
FEB	17 300	AUG	3 530
MAR	7 530	SEP	820
APR	22 200	OCT	18 200
MAY	5 450	NOV	17 000
JUN	784	DEC	4 880

TOTAL DISCHARGE, 109 000 dam³

BLUE HILL BOG BROOK NEAR JORDON FALLS - STATION NO. 01EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.036	0.387	1.80	1
2	---	---	---	---	---	---	---	---	---	0.034	1.61	1.41	2
3	---	---	---	---	---	---	---	---	---	0.035	3.61	0.978	3
4	---	---	---	---	---	---	---	---	---	0.047	1.86	0.729	4
5	---	---	---	---	---	---	---	---	---	0.858	1.17	0.648	5
6	---	---	---	---	---	---	---	---	---	0.780	0.883	0.440	6
7	---	---	---	---	---	---	---	---	---	0.600	1.23	0.348	7
8	---	---	---	---	---	---	---	---	---	0.361	1.11	0.2868	8
9	---	---	---	---	---	---	---	---	---	0.301	0.786	0.2158	9
10	---	---	---	---	---	---	---	---	---	0.248	0.588	0.1868	10
11	---	---	---	---	---	---	---	---	---	0.327	0.880	0.1588	11
12	---	---	---	---	---	---	---	---	---	0.458	0.842	0.1488	12
13	---	---	---	---	---	---	---	---	---	0.348	0.634	0.1328	13
14	---	---	---	---	---	---	---	---	---	0.288	0.847	0.1188	14
15	---	---	---	---	---	---	---	---	---	0.197	1.15	0.1108	15
16	---	---	---	---	---	---	---	---	---	0.161	0.812	0.1028	16
17	---	---	---	---	---	---	---	---	---	0.136	0.633	0.0988	17
18	---	---	---	---	---	---	---	---	---	0.120	0.883	0.0958	18
19	---	---	---	---	---	---	---	---	---	0.180	0.848	0.0928	19
20	---	---	---	---	---	---	---	---	---	1.82	0.838	0.0908	20
21	---	---	---	---	---	---	---	---	---	1.48	3.11	0.0878	21
22	---	---	---	---	---	---	---	---	---	1.28	2.82	0.0858	22
23	---	---	---	---	---	---	---	---	---	3.47	1.82	0.0838	23
24	---	---	---	---	---	---	---	---	0.088	2.80	0.813	0.0818	24
25	---	---	---	---	---	---	---	---	0.072	1.91	0.848	0.422	25
26	---	---	---	---	---	---	---	---	0.080	1.51	0.488	0.481	26
27	---	---	---	---	---	---	---	---	0.048	0.987	0.381	0.458	27
28	---	---	---	---	---	---	---	---	0.042	0.872	1.22	0.403	28
29	---	---	---	---	---	---	---	---	0.038	0.735	4.88	1.58	29
30	---		---	---	---	---	---	---	0.038	0.880	2.72	1.48	30
31	---		---		---		---	---		0.817		0.938	31
TOTAL	---	---	---	---	---	---	---	---	---	22.327	38.848	14.270	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0.730	1.32	0.480	MEAN
MAX	---	---	---	---	---	---	---	---	---	3.47	4.88	1.80	MAX
MIN	---	---	---	---	---	---	---	---	---	0.034	0.381	0.081	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 42 N
LONG 65 11 41 W
DRAINAGE AREA, 22.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	1 930
MAY	---	NOV	3 430
JUN	---	DEC	1 230

NOVA SCOTIA

CANAAN RIVER AT OUTLET OF CONNAUGHT LAKE - STATION NO. 01EH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.851	2.58	2.13	4.02	4.38	0.548	0.278	2.58	0.338	0.278	2.43	5.58	1
2	0.812	2.35	1.94	3.89	3.84	0.490	0.436	2.42	0.335	0.287	2.80	4.58	2
3	0.869	2.63	1.88	4.08	3.48	0.441	0.583	2.08	0.314	0.282	7.04	3.88	3
4	0.8588	2.80	1.85	4.11	3.54	0.418	0.826	1.71	0.288	0.282	7.30	3.18	4
5	0.8388	3.28	1.68	5.11	3.88	0.388	0.887	1.47	0.343	0.327	5.82	2.71	5
6	0.8208	3.35	1.32	7.17	3.45	0.408	0.858	1.25	0.481	0.813	4.72	2.34	6
7	0.7908	3.07	1.22	8.02	3.02	0.391	0.824	1.07	0.545	0.852	4.85	2.02	7
8	0.7708	2.70	1.15	8.34	2.88	0.377	0.438	0.937	0.577	0.741	5.10	1.80	8
9	0.7558	2.40	1.08	8.08	2.20	0.348	0.387	0.884	0.527	0.810	4.42	1.68	9
10	0.7408	2.05	1.05	8.84	1.84	0.387	0.344	0.791	0.524	0.833	3.84	1.48	10
11	0.7208	1.78	1.08	8.44	1.88	0.340	0.318	0.883	0.480	0.883	3.30	1.33	11
12	0.7008	1.55	1.12	5.88	1.50	0.332	0.303	0.882	0.415	1.05	2.79	1.20	12
13	0.701	2.16	1.12	4.57	1.38	0.311	0.271	0.802	0.383	1.13	2.41	1.09	13
14	0.885	3.84	1.10	3.83	1.32	0.323	0.242	0.464	0.424	1.18	2.82	1.02	14
15	0.837	4.80	1.04	3.15	1.18	0.297	0.248	0.419	0.433	1.12	3.53	0.942	15
16	0.835	5.15	0.988	2.98	1.08	0.288	0.238	0.383	0.411	1.07	3.80	0.8708	16
17	0.814	10.8	0.988	4.28	1.07	0.281	0.224	0.380	0.387	1.03	3.37	0.8208	17
18	0.801	10.6	0.941	4.89	1.03	0.308	0.203	0.328	0.378	0.947	3.21	0.7808	18
19	0.705	8.43	0.680	5.30	0.988	0.274	0.187	0.300	0.412	0.822	3.18	0.7508	19
20	0.878	5.83	0.5708	5.15	0.938	0.274	0.188	0.300	0.485	1.74	2.84	0.728	20
21	1.10	7.08	0.8408	5.21	0.933	0.284	0.177	0.321	0.508	3.78	4.18	0.712	21
22	1.43	7.28	0.8208	5.38	0.922	0.238	0.228	0.308	0.522	4.10	5.83	0.727	22
23	1.88	8.28	0.7808	4.48	0.850	0.222	0.234	0.300	0.508	5.88	5.08	0.674	23
24	1.84	5.57	0.773	3.80	0.812	0.228	0.388	0.284	0.481	5.23	4.78	0.652	24
25	1.88	5.08	0.781	4.15	0.781	0.200	1.33	0.304	0.453	7.44	3.80	0.708	25
26	2.25	4.27	0.822	5.82	0.780	0.208	2.87	0.305	0.423	8.53	3.18	0.713	26
27	3.75	3.58	1.03	5.50	0.717	0.237	3.30	0.308	0.388	5.12	2.73	0.7108	27
28	4.73	2.87	2.15	4.64	0.708	0.215	2.83	0.318	0.360	4.07	2.48	0.767	28
29	4.23	2.48	3.90	4.12	0.700	0.209	2.77	0.338	0.295	3.58	4.60	0.887	29
30	3.50		4.28	4.49	0.882	0.220	2.71	0.328	0.288	3.15	8.31	0.884	30
31	2.91		4.18		0.593		2.82	0.328		2.74		1.08	31
TOTAL	44.458	128.81	45.088	157.37	52.800	8.454	28.850	22.908	12.711	70.845	124.09	47.088	TOTAL
MEAN	1.43	4.46	1.45	5.28	1.88	0.315	0.880	0.739	0.424	2.28	4.14	1.52	MEAN
MAX	4.73	10.8	4.28	8.34	4.38	0.548	3.20	2.58	0.577	8.23	7.30	5.58	MAX
MIN	0.801	1.55	0.773	2.88	0.593	0.200	0.177	0.284	0.295	0.282	2.41	0.882	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.03
MAXIMUM DAILY, 10.8 ON FEB 17
MINIMUM DAILY, 0.177 ON JUL 21
MAXIMUM INSTANTANEOUS,
11.0 AT 21:05 AST ON FEB 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 48 N
LONG 64 11 38 W
DRAINAGE AREA, 85.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 860	JUL	2 300
FEB	11 100	AUG	1 880
MAR	3 900	SEP	1 100
APR	13 600	OCT	8 100
MAY	4 540	NOV	10 700
JUN	817	DEC	4 070

TOTAL DISCHARGE, 84 000 dam³

CHETICAMP RIVER ABOVE ROBERT BROOK - STATION NO. 01FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.438	3.008	8.608	20.5	38.8	10.1	10.4	3.84	4.10	8.62	8.88	14.1	1
2	2.368	7.008	13.8 B	18.1	28.5	8.14	19.8	2.78	3.13	8.23	8.63	12.2	2
3	2.268	16.0 B	10.0 B	16.6	38.4	8.88	17.1	2.40	8.88	8.88	18.2	8.58	3
4	2.208	8.008	7.008	18.8	87.8	8.70	13.7	2.24	8.37	8.21	28.7	7.38	4
5	2.148	7.508	5.408	48.8	84.2	17.7	7.43	2.30	4.85	27.3	13.8	8.18	5
6	2.088	8.808	4.708	30.8	80.1	20.8	5.84	7.48	8.18	22.0	8.32	8.408	6
7	2.028	8.158	4.208	16.7	88.1	27.8	4.88	12.1	3.71	18.3	15.8	8.008	7
8	1.988	8.608	3.808	12.3	48.1	24.1	4.08	4.87	3.28	8.88	14.1	4.808	8
9	1.848	8.158	3.508	14.2	42.8	11.1	3.83	3.42	2.88	12.3	10.8	4.858	9
10	1.888	4.608	3.408	111	48.3	8.26	4.08	2.78	2.84	28.8	18.8	4.508	10
11	1.888	4.408	11.7 B	128	81.0	7.82	4.40	2.43	3.88	18.1	21.0	4.408	11
12	1.828	4.208	8.008	88.0	70.0	8.33	7.80	2.23	17.2	13.8	14.5	4.308	12
13	1.788	4.008	8.008	32.1	81.1	8.18	8.82	2.08	12.8	8.47	8.84	4.208	13
14	1.788	3.808	8.008	20.1	46.8	4.88	3.74	11.2	28.8	8.83	27.8	4.108	14
15	1.728	3.708	4.808	14.4	31.9	4.31	8.17	8.18	11.8	10.8	30.4	4.058	15
16	1.888	7.108	4.308	11.2	28.8	3.72	4.88	4.33	10.8	8.88	14.3	4.008	16
17	1.858	26.8	4.038	11.8	38.1	3.48	3.17	4.81	7.08	8.17	8.31	3.958	17
18	1.618	14.3	3.808	15.0	43.0	4.78	2.87	4.42	8.23	8.82	37.0	3.878	18
19	1.588	8.108	3.838	18.0	31.0	4.18	3.08	8.18	8.10	8.88	18.8	3.808	19
20	1.558	8.808	3.408	16.7	24.1	3.17	8.88	3.84	7.21	21.8	8.88	3.758	20
21	1.528	14.0 B	3.388	18.2	20.3	3.11	4.48	3.17	8.34	20.8	8.81	4.108	21
22	1.508	11.0 B	3.188	11.4	18.4	4.88	4.48	14.2	8.08	10.0	8.73	4.828	22
23	1.478	8.808	3.088	8.81	16.8	11.7	4.48	8.74	8.71	17.8	7.48	4.308	23
24	1.458	20.4	2.958	8.04	12.3	12.2	3.38	4.12	8.18	14.4	8.84	3.988	24
25	1.428	16.7	2.888	8.08	10.1	8.80	7.48	3.23	4.88	8.52	8.34	3.758	25
26	3.808	8.808	3.88	7.83	14.2	7.04	5.31	2.88	3.88	8.33	8.78	3.878	26
27	8.958	7.208	30.8	8.83	17.8	13.8	3.84	2.88	3.88	7.01	8.38	3.808	27
28	7.408	8.108	78.3	24.8	8.18	18.8	3.47	2.81	4.28	7.11	38.8	3.808	28
29	5.408	8.208	44.8	28.8	8.08	18.7	3.17	2.38	18.8	8.08	147	3.428	29
30	4.258		24.1	88.2	8.47	8.38	2.87	8.31	12.7	8.77	23.8	3.388	30
31	3.808		24.4		8.81		3.47	7.73		8.72		3.288	31
TOTAL	78.78	251.80	334.87	823.88	1 088.32	288.83	182.88	145.85	228.48	382.81	585.88	184.82	TOTAL
MEAN	2.84	8.88	10.8	27.8	35.8	8.88	8.88	4.78	7.88	12.8	18.8	4.88	MEAN
MAX	8.88	28.8	78.3	128	80.1	27.8	18.8	14.2	28.8	28.8	147	14.1	MAX
MIN	1.42	3.00	2.88	7.83	8.47	3.11	2.87	2.08	2.84	8.88	8.38	3.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 147 ON NOV 29
MINIMUM DAILY, 1.428 ON JAN 25
MAXIMUM INSTANTANEOUS,
327 AT 03:34 AST ON NOV 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 28 N
LONG 60 58 43 W
DRAINAGE AREA, 180 km²

B - ICE CONDITIONS

REGULATED SINCE 1978

REMARKS - FLOWS SUPPLEMENTED BY RELEASES THROUGH RIPARIAN PIPE DURING LOW FLOW PERIODS.

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 810	JUL	15 800
FEB	21 800	AUG	12 800
MAR	28 800	SEP	19 800
APR	71 200	OCT	33 100
MAY	93 800	NOV	80 800
JUN	25 800	DEC	13 400

TOTAL DISCHARGE, 383 000 dam³

CHETICAMP RIVER BELOW ARTEMISE BROOK - STATION NO. 01PC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	2.18 E	3.23	1.27	---	---	---	---	1
2	---	---	---	---	---	1.98 E	5.23	0.894	---	---	---	---	2
3	---	---	---	---	---	1.88 E	5.00	0.871	---	---	---	---	3
4	---	---	---	---	---	2.02 E	3.78	0.786	---	---	---	---	4
5	---	---	---	---	---	2.90 E	2.24	0.785	---	---	---	---	5
6	---	---	---	---	---	4.40 E	1.86	2.61	---	---	---	---	6
7	---	---	---	---	---	5.77 E	1.38	2.88	---	---	---	---	7
8	---	---	---	---	---	4.82 E	1.26	1.06	---	---	---	---	8
9	---	---	---	---	---	3.00 E	1.17	0.881	---	---	---	---	9
10	---	---	---	---	---	2.28 E	1.28	0.611	---	---	---	---	10
11	---	---	---	---	---	2.10 E	1.33	0.365A	---	---	---	---	11
12	---	---	---	---	---	1.80 E	1.28	0.380E	---	---	---	---	12
13	---	---	---	---	---	1.81 E	1.11	0.410E	---	---	---	---	13
14	---	---	---	---	---	1.22 A	1.00	2.38 E	---	---	---	---	14
15	---	---	---	---	---	1.17	1.11	1.50 E	---	---	---	---	15
16	---	---	---	---	---	1.07	1.10	1.04 E	---	---	---	---	16
17	---	---	---	---	---	0.982	0.825	1.12 E	---	---	---	---	17
18	---	---	---	---	---	1.18	0.867	1.18 E	---	---	---	---	18
19	---	---	---	---	---	1.13	0.844	1.38 E	---	---	---	---	19
20	---	---	---	---	---	0.941	1.43	1.10 E	---	---	---	---	20
21	---	---	---	---	---	0.888	1.18	0.980E	---	---	---	---	21
22	---	---	---	---	---	1.07	1.43	2.88 E	---	---	---	---	22
23	---	---	---	---	---	2.08	1.38	3.12 E	---	---	---	---	23
24	---	---	---	---	---	2.41	1.24	1.40 E	---	---	---	---	24
25	---	---	---	---	---	1.88	3.08	1.14 E	---	---	---	---	25
26	---	---	---	---	---	2.30	1.85	0.980E	---	---	---	---	26
27	---	---	---	---	---	3.50	1.47	0.880E	---	---	---	---	27
28	---	---	---	---	---	4.45	1.28	0.780E	---	---	---	---	28
29	---	---	---	---	---	4.20	1.13	0.780E	---	---	---	---	29
30	---		---	---	---	2.48	1.09	0.840E	---	---	3.94A	---	30
31	---		---		---		1.28	1.81 E		---		---	31
TOTAL	---	---	---	---	---	70.038	63.888	37.813	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	2.33	1.73	1.22	---	---	---	---	MEAN
MAX	---	---	---	---	---	5.77	5.23	2.88	---	---	---	---	MAX
MIN	---	---	---	---	---	0.888	0.844	0.365	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 02 N
LONG 60 44 03 W
DRAINAGE AREA, 37.0 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 840
FEB	---	AUG	3 270
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	8 050	DEC	---

REMARKS - FLOWS SUPPLEMENTED BY RELEASES THROUGH RIPARIAN PIPE IN DAM DURING PERIODS OF LOW FLOW

CLAM HARBOUR RIVER NEAR BIRCHTOWN - STATION NO. 01ER001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.822B	1.17 B	3.50 B	3.21	8.17	1.12 E	5.67	1.33	0.136	0.283	0.908	3.54	1
2	0.808B	3.40 B	5.40 B	3.18	3.81	0.810E	7.81	0.836	0.100	0.228	4.34	2.70	2
3	0.488B	9.20 B	3.08 B	3.43	4.46	0.620E	4.75	0.725	0.097	0.181	7.81	2.00	3
4	0.468B	6.30 B	1.80 B	3.80	7.48	0.545E	3.38	0.573	0.080	0.156	4.43	1.63	4
5	0.478B	4.80 B	1.20 B	8.10	4.77	0.930E	2.08	0.442	0.133	2.03	3.00	1.22	5
6	0.472B	3.25 B	0.810B	8.38	3.33	1.70 E	1.38	0.358	0.148	2.44	2.47	1.12 B	6
7	0.468B	2.40 B	0.700B	5.05	2.44	1.10 E	0.987	0.308	0.100	1.57	3.83	1.08 B	7
8	0.455B	1.70 B	0.800B	4.71	1.72	0.780E	0.885	0.253	0.080	1.28	3.34	0.988B	8
9	0.450B	1.20 B	0.640B	5.83	1.34	0.800E	0.481	0.201	0.072	3.94	2.41	0.950B	9
10	0.448B	0.980B	1.68 B	11.5	1.14	0.950E	0.377	0.180	0.068	3.22	1.81	0.920B	10
11	0.448B	0.880B	3.68 B	13.3	0.986	0.782E	0.324	0.162	0.058	3.77	1.58	0.878B	11
12	0.438B	0.780B	2.72 B	8.18	0.826	0.640E	0.258	0.132	0.064	5.07	1.48	0.842B	12
13	0.430B	1.40 B	1.81 B	4.88	0.702	0.510E	0.205	0.118	0.059	3.34	1.14	0.805B	13
14	0.422B	3.88 B	1.83 B	3.11	0.884	0.457E	0.162	0.105	0.137	2.28	2.10	0.770B	14
15	0.417B	2.70 B	1.40 B	2.38	0.736	0.415E	0.188	0.128	0.111	1.88	2.88	0.748B	15
16	0.404B	1.70 B	1.21 B	2.23	0.838A	0.388E	0.186	0.330	0.108	1.28	1.80	0.720B	16
17	0.398B	8.80 B	1.10 B	8.18	1.00 E	0.380E	0.167	0.384	0.118	0.982	1.52	0.702B	17
18	0.391B	8.80 B	1.01 B	4.32	2.15 E	0.520E	0.208	0.428	0.098	0.805	4.81	0.884B	18
19	0.388B	4.70 B	0.930B	8.33	1.80 E	0.458E	0.175	0.344	1.02	0.714	3.14	0.888B	19
20	0.800B	4.03 B	0.870B	7.89	1.38 E	0.388A	0.142	0.284	1.31	1.47	2.20	0.858B	20
21	1.74 B	5.58 B	0.800B	7.43	1.02 E	0.298	0.118	0.238	0.918	2.01	8.20	0.830B	21
22	1.20 B	3.80 B	0.758B	5.47	0.710E	0.227	0.887	0.224	0.803	1.82	8.18	0.840B	22
23	0.880B	3.20 B	0.720B	4.02	0.688E	0.181	0.842	0.177	0.718	8.88	3.87	0.740B	23
24	0.720B	4.25 B	0.670B	3.03	0.520E	0.159	0.852	0.162	0.880	7.02	2.88	0.880B	24
25	0.888B	3.30 B	0.630B	3.31	0.478E	0.138	10.2	0.121	0.449	4.48	2.28	0.820B	25
26	2.20 B	2.88 B	1.20 B	4.07	0.710E	0.188	8.88	0.132	0.384	3.08	1.82	0.970B	26
27	8.88 B	1.81 B	3.20 B	3.74	1.20 E	0.888	4.23	0.148	0.284	2.18	1.53	0.730B	27
28	4.88 B	1.47 B	11.8 B	3.48	0.880E	1.83	2.88	0.130	0.252	1.87	2.38	0.840B	28
29	2.80 B	2.10 B	12.4	4.87	0.820E	2.38	2.44	0.138	0.271	1.38	8.12	1.08 B	29
30	2.00 B		8.21	10.3	0.800E	1.38	2.78	0.201	0.333	1.22	4.71	0.900B	30
31	1.48 B		3.77		0.642E		1.83	0.188		1.07		0.730B	31
TOTAL	34.187	88.180	78.488	186.88	88.402	21.181	82.520	8.818	8.038	72.008	88.838	32.304	TOTAL
MEAN	1.10	3.32	2.88	6.82	1.78	0.708	2.82	0.287	0.261	2.32	3.18	1.04	MEAN
MAX	8.88	8.20	12.4	13.3	7.48	2.38	10.2	1.33	1.31	8.88	8.12	3.84	MAX
MIN	0.388	0.780	0.800	2.23	0.478	0.138	0.118	0.105	0.088	0.181	0.908	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.00
MAXIMUM DAILY, 13.3 ON APR 11
MINIMUM DAILY, 0.088 ON SEP 11
MAXIMUM INSTANTANEOUS,
15.1 AT 07:14 AST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 38 06 N
LONG 61 27 38 W
DRAINAGE AREA, 45.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 050	JUL	5 400
FEB	6 310	AUG	822
MAR	6 870	SEP	761
APR	14 300	OCT	8 220
MAY	4 730	NOV	8 260
JUN	1 830	DEC	2 790

TOTAL DISCHARGE, 83 300 dam³

NOVA SCOTIA

EAST RIVER AT ST. MARGARETS BAY - STATION NO. 01EH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.436	1.13	0.803	1.48	1.51	0.277	0.223E	0.843	0.087	0.108	0.880	2.33	1
2	0.416	1.02	0.816	1.38	1.37	0.259	0.280E	0.687	0.088	0.093	1.10	1.98	2
3	0.412	1.02	0.740	1.35	1.31	0.243	0.350E	0.488	0.083	0.083	1.72	1.80	3
4	0.401	0.980	0.862	1.35	1.24	0.231	0.380E	0.438	0.082	0.078	1.77	1.32	4
5	0.3988	1.13	0.848	1.52	1.28	0.222	0.348E	0.408	0.083	0.215	1.48	1.08	5
6	0.3888	1.18	0.838	1.87	1.24	0.218	0.317E	0.380	0.112	0.382	1.34	0.906	6
7	0.3778	1.17	0.872	2.83	1.12	0.218	0.287E	0.388	0.100	0.881	1.83	0.823	7
8	0.3888	1.01	0.823	3.05	0.933	0.210	0.258E	0.327	0.081	0.588	1.84	0.731	8
9	0.3598	0.871	0.478	3.04	0.778	0.223	0.229E	0.282	0.088	0.818	1.81	0.684	9
10	0.3488	0.751	0.472	3.02	0.882	0.217	0.203E	0.270	0.088	0.817	1.30	0.595	10
11	0.3418	0.654	0.611	2.82	0.807	0.212	0.187E	0.263	0.077	0.588	1.18	0.513	11
12	0.3368	0.608	0.888	2.47	0.882	0.211	0.170E	0.223	0.088	0.863	1.02	0.481	12
13	0.3308	0.828	0.845	3.02	0.884	0.188	0.158E	0.208	0.080	0.880	0.883	0.420	13
14	0.3228	1.28	0.820	1.51	0.841	0.184	0.148E	0.202	0.138	0.812	1.08	0.3888	14
15	0.3158	1.28	0.577	1.22	0.483	0.149	0.133E	0.174	0.177	0.448	1.33	0.367	15
16	0.3068	2.35	0.512	1.08	0.408	0.118	0.124E	0.148	0.233	0.280	1.30	0.338	16
17	0.3038	5.87	0.485	1.22	0.417	0.123	0.117E	0.135	0.227	0.381	1.20	0.318	17
18	0.3008	4.71	0.422	1.21	0.442	0.118	0.110E	0.118	0.222	0.330	1.33	0.2888	18
19	0.353	2.62	0.408	1.83	0.482	0.185	0.104E	0.108	0.229	0.344	1.47	0.2688	19
20	0.484	2.32	0.427	2.07	0.448	0.218	0.098E	0.089	0.234	1.42	1.30	0.2788	20
21	0.823	2.25	0.418	2.28	0.417	0.182	0.088A	0.082	0.223	2.81	1.78	0.2808	21
22	0.726	2.21	0.411	2.28	0.388	0.182	0.114	0.077	0.220	2.55	2.43	0.2508	22
23	0.783	1.68	0.382	1.88	0.361	0.135	0.288	0.075A	0.207	3.03	2.18	0.2408	23
24	0.780	1.74	0.388	1.58	0.328	0.108	0.484	0.084	0.198	3.25	1.88	0.2308	24
25	0.749	1.84	0.382	1.52	0.328	0.118	0.832	0.078	0.187	2.88	1.37	0.2258	25
26	1.30	1.44	0.384	1.82	0.330	0.138	1.08	0.071	0.188	2.80	1.12	0.2208	26
27	2.82	1.21	0.558	1.82	0.338	0.158A	0.878	0.070	0.183	1.95	0.831	0.2188	27
28	2.80	1.04	1.32	1.44	0.344	0.175E	0.674	0.082	0.147	1.80	1.05	0.278	28
29	2.18	0.883	1.76	1.28	0.338	0.200E	0.807	0.083	0.126	1.38	2.38	0.881	29
30	1.65		1.87	1.48	0.328	0.180E	0.728	0.088	0.102	1.28	2.82	0.833	30
31	1.32		1.80		0.301		0.655	0.087		1.11		0.827	31
TOTAL	22.833	47.484	21.084	56.82	20.092	5.556	11.021	5.815	4.181	33.405	44.204	19.801	TOTAL
MEAN	0.740	1.84	0.880	1.83	0.667	0.185	0.355	0.213	0.139	1.08	1.47	0.829	MEAN
MAX	2.82	5.87	1.87	3.05	1.51	0.277	1.08	0.843	0.234	3.25	2.82	2.33	MAX
MIN	0.300	0.808	0.382	1.08	0.301	0.108	0.088	0.082	0.082	0.078	0.883	0.218	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.795
MAXIMUM DAILY, 5.87 ON FEB 17
MINIMUM DAILY, 0.082 ON AUG 28
MAXIMUM INSTANTANEOUS,
6.87 AT 22:12 AST ON FEB 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 41 05 N
LONG 63 52 16 W
DRAINAGE AREA, 28.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 980	JUL	952
FEB	4 100	AUG	672
MAR	1 820	SEP	361
APR	4 750	OCT	2 880
MAY	1 730	NOV	3 820
JUN	480	DEC	1 680

TOTAL DISCHARGE, 25 190 dam³

PIPES BROOK NEAR MILL POND - STATION NO. 01FJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	2.44	1
2	---	---	---	---	---	---	---	---	---	---	---	2.03	2
3	---	---	---	---	---	---	---	---	---	---	---	1.82 B	3
4	---	---	---	---	---	---	---	---	---	---	---	1.40 B	4
5	---	---	---	---	---	---	---	---	---	---	---	1.26 B	5
6	---	---	---	---	---	---	---	---	---	---	---	1.08 B	6
7	---	---	---	---	---	---	---	---	---	---	---	1.00 B	7
8	---	---	---	---	---	---	---	---	---	---	---	0.9108	8
9	---	---	---	---	---	---	---	---	---	---	---	0.8508	9
10	---	---	---	---	---	---	---	---	---	---	---	0.7808	10
11	---	---	---	---	---	---	---	---	---	---	---	0.7308	11
12	---	---	---	---	---	---	---	---	---	---	---	0.6708	12
13	---	---	---	---	---	---	---	---	---	---	---	0.6258	13
14	---	---	---	---	---	---	---	---	---	---	---	0.5858	14
15	---	---	---	---	---	---	---	---	---	---	---	0.5858	15
16	---	---	---	---	---	---	---	---	---	---	---	0.5358	16
17	---	---	---	---	---	---	---	---	---	---	---	0.5008	17
18	---	---	---	---	---	---	---	---	---	---	---	0.4808	18
19	---	---	---	---	---	---	---	---	---	---	---	0.4558	19
20	---	---	---	---	---	---	---	---	---	---	---	0.4458	20
21	---	---	---	---	---	---	---	---	---	---	---	0.4328	21
22	---	---	---	---	---	---	---	---	---	---	---	0.4168	22
23	---	---	---	---	---	---	---	---	---	---	2.77	0.4078	23
24	---	---	---	---	---	---	---	---	---	---	2.18	0.3988	24
25	---	---	---	---	---	---	---	---	---	---	1.78	0.3848	25
26	---	---	---	---	---	---	---	---	---	---	1.47	0.3748	26
27	---	---	---	---	---	---	---	---	---	---	1.68	0.3858	27
28	---	---	---	---	---	---	---	---	---	---	1.66	0.3588	28
29	---	---	---	---	---	---	---	---	---	---	3.62	0.4008	29
30	---		---	---	---	---	---	---	---	---	3.70	0.4208	30
31	---		---		---		---	---		---		0.3888	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	23.318	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	0.752	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	2.44	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	0.358	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 16 03 N
LONG 60 31 57 W
DRAINAGE AREA, 34.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	2 010

FRASER BROOK NEAR ARCHIBALD - STATION NO. 01DN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0838	0.1848	0.2108	0.850	0.384	0.121	0.511	0.138	0.114	0.061	0.224	0.848	1
2	0.0528	0.4808	0.1958	0.580	0.322	0.111	0.241	0.100	0.072	0.034	0.861	0.408	2
3	0.0508	0.5208	0.1858	0.578	0.577	0.078	0.122	0.084	0.054	0.030	0.851	0.325	3
4	0.0488	0.3708	0.1758	0.887	1.02	0.059	0.075	0.088	0.042	0.041	0.488	0.263	4
5	0.0488	0.2908	0.1808	1.28	0.581	0.057	0.060	0.073	0.100	1.08	0.347	0.192	5
6	0.0478	0.2308	0.1578	0.780	0.390	0.080	0.034	0.058	0.084	0.488	0.311	0.1308	6
7	0.0468	0.1808	0.1588	0.634	0.301	0.084	0.026	0.048	0.048	0.268	0.825	0.0908	7
8	0.0458	0.1608	0.1558	0.558	0.243	0.048	0.020	0.048	0.038	0.291	0.487	0.0708	8
9	0.0448	0.1408	0.1548	0.870	0.191	0.034	0.018	0.040	0.028	0.818	0.382	0.0508	9
10	0.0438	0.1288	0.2408	1.07	0.154	0.053	0.015	0.031	0.027	0.352	0.318	0.0408	10
11	0.0428	0.1208	0.2708	0.880	0.150	0.058	0.014	0.024	0.038	0.385	0.408	0.0328	11
12	0.0418	0.1148	0.1808	0.884	0.148	0.035	0.011	0.019	0.044	0.348	0.298	0.0298	12
13	0.0408	0.2808	0.1508	0.425	0.128	0.027	0.011	0.018	0.038	0.228	0.230	0.0278	13
14	0.0388	0.2808	0.1258	0.342	0.118	0.022	0.008	0.013	0.250	0.178	0.780	0.0288	14
15	0.0368	0.2208	0.1158	0.288	0.108	0.020	0.102	0.048	0.178	0.180	0.484	0.0248	15
16	0.0378	1.07 B	0.1058	0.408	0.082	0.017	0.048	0.087	0.134	0.131	0.341	0.0238	16
17	0.0388	0.8408	0.0888	0.567	0.123	0.015	0.028	0.087	0.088	0.118	0.339	0.0228	17
18	0.0388	0.6058	0.0838	0.381	0.118	0.085	0.023	0.080	0.088	0.104	0.834	0.0218	18
19	0.0378	0.4808	0.0678	1.00	0.088	0.042	0.018	0.041	0.247	0.434	0.428	0.0208	19
20	0.1388	0.5008	0.0838	1.18	0.078	0.022	0.017	0.028	0.180	3.21	0.327	0.0208	20
21	0.2078	1.05 B	0.0808	0.814	0.088	0.017	0.012	0.048	0.108	1.02	1.44	0.0188	21
22	0.1808	0.6508	0.0778	0.880	0.080	0.012	0.288	0.183	0.108	0.881	0.888	0.0188	22
23	0.1508	0.8408	0.0758	0.670	0.083	0.014	0.117	0.110	0.081	1.87	0.535	0.0188	23
24	0.1358	0.7508	0.0738	0.824	0.045	0.018	0.250	0.088	0.083	0.881	0.404	0.0188	24
25	0.1208	0.4808	0.1008	0.808	0.108	0.010	2.74	0.041	0.048	1.88	0.313	0.0338	25
28	0.1808	0.3708	0.4408	0.878	0.088	0.083	0.878	0.080	0.040	0.858	0.282	0.0288	26
27	0.8308	0.3008	1.50 B	0.800	0.082	0.071	0.478	0.184	0.035	0.882	0.242	0.0238	27
28	0.4308	0.2508	2.50 B	0.504	0.081	0.082	0.388	0.083	0.034	0.430	0.881	0.0348	28
29	0.3708	0.2228	0.887	0.588	0.038	0.081	0.282	0.071	0.081	0.488	1.42	0.0788	29
30	0.2708		0.851	0.518	0.032	0.124	0.188	0.382	0.048	0.343	0.818	0.0508	30
31	0.2108		0.528		0.103		0.148	0.232		0.270		0.0588	31
TOTAL	3.881	12.523	9.814	20.038	8.038	1.812	7.188	2.870	2.480	17.383	18.318	2.767	TOTAL
MEAN	0.124	0.432	0.320	0.668	0.185	0.080	0.231	0.083	0.082	0.881	0.844	0.088	MEAN
MAX	0.830	1.07	2.80	1.28	1.02	0.124	2.74	0.382	0.250	3.21	1.44	0.848	MAX
MIN	0.038	0.114	0.073	0.288	0.032	0.010	0.008	0.013	0.028	0.030	0.224	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.280
MAXIMUM DAILY, 3.21 ON OCT 20
MINIMUM DAILY, 0.008 ON JUL 14
MAXIMUM INSTANTANEOUS,
4.57E AT 05:30 AST ON OCT 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 35 N
LONG 63 10 05 W
DRAINAGE AREA, 9.07 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	333	JUL	818
FEB	1 080	AUG	232
MAR	867	SEP	212
APR	1 730	OCT	1 500
MAY	833	NOV	1 410
JUN	131	DEC	239

TOTAL DISCHARGE, 8 880 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 3.28 IS DUE TO CURVE EXTENSION

GOLD RIVER AT MOSHER'S FALLS - STATION NO. 01EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.608	14.2 B	12.8 B	27.7	24.3	2.81	1.91	15.4	1.10	1.18	14.3	44.8	1
2	8.858	13.2 B	11.4 B	26.1	20.3	2.88	3.18	12.8	1.03	1.13	22.3	34.1	2
3	8.408	15.0 B	9.14	25.3	17.7	2.44	3.88	10.3	0.942	1.07	58.4	25.8	3
4	8.008	16.5 B	8.28	24.8	16.8	2.27	3.45	8.28	0.837E	1.03	48.8	20.5	4
5	4.708	17.3 B	8.358	28.4	18.8	2.13	3.07	7.11	1.08	1.80	38.4	17.0	5
6	4.308	18.7 B	7.748	36.8	18.3	2.10	2.77	8.88	1.72	5.11	30.1	13.8	6
7	4.008	18.5 B	7.338	40.1	16.8	2.08	2.68	8.07	1.78	4.78	26.7	11.4	7
8	3.758	12.5 B	6.81	41.0	13.8	2.02	2.88	4.48	1.52	4.32	28.5	10.2	8
9	3.508	10.5 B	6.888	36.4	11.2	1.88	2.43	4.03	1.27	4.33	26.5	8.82	9
10	3.358	8.908	6.80	31.5	9.87	1.86	2.12	3.60	1.13	4.31	21.4	7.518	10
11	3.188	7.608	5.708	26.5	8.44	1.80	2.01	3.15	1.08	4.45	18.7	8.868	11
12	3.088	8.978	5.508	26.9	7.72	1.80	1.85	2.87	1.00	5.78	16.8	8.678	12
13	2.988	11.0 B	5.408	22.1	7.50	1.72	1.78	2.81	0.837	5.88	14.5	4.878	13
14	2.808	24.7 B	5.058	18.5	8.74	1.68	1.74	2.37	1.08	5.27	15.8	*4.80	14
15	2.708	21.7 B	4.908	15.5	8.01	1.51	1.68	2.21	1.09	4.81	19.8	4.38	15
16	2.808	21.8 B	4.758	15.1	5.32	1.38	1.58	2.23	1.14	4.42	18.3	4.038	16
17	2.508	51.3 B	4.88	26.7	5.11	1.24	1.50	2.18	1.12	4.00	16.2	3.888	17
18	2.408	46.3	4.49	29.0	5.02	1.31	1.37	2.01	1.05	3.88	16.8	3.498	18
19	3.808	36.1 B	4.82	27.8	4.71	1.84	1.28	1.88	1.20	3.59	17.4	3.348	19
20	4.008	28.3 B	4.508	26.8	4.33	1.88	1.18	1.75	1.84	18.8	16.5	3.32	20
21	5.208	41.8 B	4.348	28.8	4.01	1.43	1.08	1.84	2.17	24.7	28.8	3.20	21
22	8.008	42.1 B	4.238	27.7	3.78	1.30	1.81	1.80	2.07	21.8	38.8	3.33	22
23	9.008	33.8	4.218	24.2	3.80	1.21	4.12	1.48	2.02	33.8	33.1	3.188	23
24	10.4 B	32.0 B	4.28	20.8	3.27	1.19	8.88	1.40	1.91	38.2	28.8	3.15	24
25	12.0 B	31.2 B	4.62	21.8	3.00	1.13	21.2	1.32	1.78	32.8	31.3	3.43	25
26	14.0 B	28.2 B	5.88	28.4	3.14	1.13	37.2	1.28	1.88	28.8	17.7	4.41	26
27	16.8 B	20.8 B	14.1	28.2	4.02	1.23	30.8	1.28	1.88	26.2	14.7	4.488	27
28	23.0 B	18.8 B	38.1	32.8	3.83	1.85	23.4	1.22	1.47	21.8	13.8	4.23	28
29	20.0 B	14.0 B	80.4	30.8	3.43	1.83	20.0	1.18	1.44	18.8	40.0	6.188	29
30	18.2 B		41.3	28.1	3.18	1.72	18.4	1.11	1.31	18.7	82.8	8.088	30
31	15.8 B		31.8		2.85		17.4	1.10		17.1		7.518	31
TOTAL	226.31	884.87	337.18	802.2	288.26	51.47	224.87	114.78	41.488	371.84	773.8	288.13	TOTAL
MEAN	7.38	22.8	10.8	28.7	8.85	1.72	7.25	3.70	1.38	12.0	28.8	9.33	MEAN
MAX	23.0	51.3	80.4	41.0	24.3	2.81	37.2	15.4	2.17	38.2	88.8	44.8	MAX
MIN	2.40	8.87	4.21	18.1	2.85	1.13	1.08	1.10	0.837	1.03	13.8	3.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.4
MAXIMUM DAILY, 88.8 ON NOV 3
MINIMUM DAILY, 0.837E ON SEP 4
MAXIMUM INSTANTANEOUS,
91.8 AT 09:10 AST ON NOV 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 33 52 N
LONG 64 21 06 W
DRAINAGE AREA, 370 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 700	JUL	19 400
FEB	56 800	AUG	8 820
MAR	29 100	SEP	3 880
APR	69 300	OCT	33 100
MAY	23 200	NOV	88 800
JUN	4 450	DEC	26 000

TOTAL DISCHARGE, 388 000 dam³

REMARKS - THE E FOR DISCHARGE BELOW .850 IS DUE TO CURVE EXTENSION

NOVA SCOTIA

GRAND RIVER AT LOCH LOMOND - STATION NO. 01FN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.40	5.68	11.7	7.70	14.4	2.18	5.12	4.80	2.36	1.80	5.67	9.77	1
2	3.38	5.80	14.6	7.83	13.4	2.21	5.38	4.65	2.13	1.37	5.83	9.30	2
3	3.34	7.38	15.3	7.68	13.7	1.98	5.44	4.19	2.05	1.33	7.48	8.52	3
4	3.31	7.80	14.7	7.74	15.0	1.82	5.34	3.88	1.83	1.32	8.18	7.88	4
5	3.26	8.39	14.0	8.26	15.2	2.20	5.04	3.67	1.78	1.84	8.21	7.18	5
6	3.15	8.83	12.7	8.88	14.2	2.49	4.70	3.51	1.68	2.08	8.18	6.47	6
7	2.98	8.48	11.4	8.78	13.1	2.57	4.38	3.28	1.78	2.28	9.26	5.83	7
8	2.83	7.80	10.6	8.43	11.8	2.48	3.98	2.97	1.85	2.38	9.83	5.38	8
9	1.85	7.37	9.88	8.14	10.3	2.33	3.84	2.82	1.85	2.84	9.88	4.88	9
10	2.09	8.72	9.32	12.3	9.08	2.47	3.38	2.84	1.47	2.85	8.98	4.47	10
11	1.86	8.14	11.8	18.0	7.85	2.51	3.13	2.43	1.48	2.88	8.18	4.12	11
12	1.88A	8.83	12.4	18.8	7.04	2.83	2.82	2.18	1.38	4.28	7.58	3.77	12
13	1.78E	8.27	11.8	18.0	8.27	2.48	2.87	2.03	1.31	4.88	8.81	3.43	13
14	1.88E	8.07	10.8	14.5	8.80	2.30	2.42	1.88	1.38	4.83	8.87	3.18	14
15	1.84E	4.88	9.88	12.8	8.08	2.18	2.27	1.88	1.48	4.74	7.88	2.83	15
16	1.88E	5.88	8.78	11.7	4.41	2.08	2.18	3.08	1.84	4.88	7.84	2.88	16
17	1.88E	10.8	7.80	11.2	4.21	1.81	2.04	8.18	1.82	4.28	7.38	2.48	17
18	1.88E	13.4	8.88	10.4	4.37	2.18	1.88	8.28	1.42	4.04	8.14	2.48	18
19	1.80A	13.8	8.38	10.8	4.48	2.18	1.80	8.82	1.81	3.73	10.1	2.38	19
20	1.82	13.4	8.73	12.8	4.34	2.07	1.78	8.23	2.18	3.87	9.82	2.23	20
21	1.73	13.8	8.28	15.8	4.10	2.03	1.82	8.02	2.38	3.78	10.8	2.13	21
22	2.00	14.3	4.88	15.9	3.80	1.88	1.88	8.82	2.88	3.70	12.3	2.08	22
23	2.33	13.7	4.42	15.2	3.88	1.88	1.88	8.10	2.88	8.12	11.8	2.07	23
24	2.72	13.3	4.04	14.3	3.22	1.87	1.88	8.87	2.48	7.18	10.8	2.01	24
25	2.88	13.0	3.77	13.4	3.10	1.87	3.08	4.18	2.32	7.88	10.0	2.07	25
26	3.88	12.1	3.51	12.8	2.88	1.83	8.08	3.78	2.17	7.57	9.00	2.17	26
27	5.38	11.1	3.38	11.7	2.78	1.87	8.81	3.81	2.07	7.30	8.02	2.20	27
28	8.33	10.1	4.38	10.8	2.88	3.08	8.83	3.37	1.88	8.88	7.88	2.32	28
29	8.47	9.78	8.17	8.71	2.87	4.81	8.81	2.88	1.80	8.81	8.23	3.02	29
30	8.31		8.80	12.8	2.38	8.08	8.80	2.71	1.83	8.38	10.0	3.82	30
31	8.02		7.47		2.13		8.18	2.83		8.87		3.88	31
TOTAL	84.48	288.33	270.27	351.12	217.48	71.30	112.81	117.78	55.48	138.88	281.88	138.81	TOTAL
MEAN	2.73	8.28	8.72	11.7	7.01	2.38	3.83	3.80	1.85	4.18	8.73	4.88	MEAN
MAX	8.47	14.3	15.3	18.8	15.2	8.08	8.83	8.82	2.88	7.88	12.3	8.77	MAX
MIN	1.88	4.88	3.38	7.78	2.13	1.82	1.82	1.88	1.21	1.32	8.83	2.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.05
MAXIMUM DAILY, 18.8 ON APR 12
MINIMUM DAILY, 1.21 ON SEP 13
MAXIMUM INSTANTANEOUS,
17.1 AT 01:45 AST ON APR 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 48 N
LONG 30 38 12 W
DRAINAGE AREA, 130 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 300	JUL	9 730
FEB	23 300	AUG	10 200
MAR	23 400	SEP	4 780
APR	30 300	OCT	11 100
MAY	18 800	NOV	23 800
JUN	6 180	DEC	10 800

TOTAL DISCHARGE, 175 000 dam³

HALFWAY BROOK NEAR SHEET HARBOUR - STATION NO. 01EN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	1.84	1
2	---	---	---	---	---	---	---	---	---	---	---	1.81	2
3	---	---	---	---	---	---	---	---	---	---	---	1.81	3
4	---	---	---	---	---	---	---	---	---	---	---	1.28	4
5	---	---	---	---	---	---	---	---	---	---	---	1.11	5
6	---	---	---	---	---	---	---	---	---	---	---	0.8388	6
7	---	---	---	---	---	---	---	---	---	---	---	0.838	7
8	---	---	---	---	---	---	---	---	---	---	---	0.784	8
9	---	---	---	---	---	---	---	---	---	---	---	0.847	9
10	---	---	---	---	---	---	---	---	---	---	---	0.8718	10
11	---	---	---	---	---	---	---	---	---	---	1.00	0.8038	11
12	---	---	---	---	---	---	---	---	---	---	0.921	0.4348	12
13	---	---	---	---	---	---	---	---	---	---	0.788	0.3578	13
14	---	---	---	---	---	---	---	---	---	---	0.673	0.3488	14
15	---	---	---	---	---	---	---	---	---	---	0.880	0.304	15
16	---	---	---	---	---	---	---	---	---	---	0.777	0.281	16
17	---	---	---	---	---	---	---	---	---	---	0.807	0.2538	17
18	---	---	---	---	---	---	---	---	---	---	1.87	0.2308	18
19	---	---	---	---	---	---	---	---	---	---	1.74	0.2188	19
20	---	---	---	---	---	---	---	---	---	---	1.44	0.2118	20
21	---	---	---	---	---	---	---	---	---	---	2.88	0.2118	21
22	---	---	---	---	---	---	---	---	---	---	2.87	0.2088	22
23	---	---	---	---	---	---	---	---	---	---	2.44	0.2088	23
24	---	---	---	---	---	---	---	---	---	---	1.98	0.203	24
25	---	---	---	---	---	---	---	---	---	---	1.58	0.237	25
26	---	---	---	---	---	---	---	---	---	---	1.30	0.238	26
27	---	---	---	---	---	---	---	---	---	---	1.08	0.2068	27
28	---	---	---	---	---	---	---	---	---	---	1.18	0.1928	28
29	---	---	---	---	---	---	---	---	---	---	2.20	0.8428	29
30	---		---	---	---	---	---	---	---	---	1.89	0.4938	30
31	---		---		---		---	---		---		0.4448	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	17.892	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	0.571	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	1.84	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	0.192	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 84 14 N
LONG 62 27 18 W
DRAINAGE AREA, 18.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	1 530

INDIAN BROOK AT INDIAN BROOK - STATION NO. 01FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.388	1.688	10.2 B	16.1 E	18.0 E	4.13	2.98	3.28	3.14E	2.65E	3.62E	18.4 E	1
2	1.378	3.208	16.1 B	14.8 E	14.8 E	3.60	2.78E	3.36	2.63E	2.34E	32.8 E	12.3 E	2
3	1.388	5.808	11.8 B	13.8 E	28.0 E	3.28	7.78E	1.88	2.18E	2.10E	22.8 E	6.60E	3
4	1.358	3.808	8.808	26.1 E	47.1 E	2.76	5.60E	1.83	2.08E	1.92E	16.3 E	5.48E	4
5	1.338	2.388	7.208	22.7 E	29.0 E	8.60	3.82E	1.57	2.80E	1.79E	12.7 E	5.27E	5
6	1.328	2.058	6.388	17.8 A	17.1 E	8.88	2.48E	1.84	3.79E	12.8 E	11.8 E	4.78E	6
7	1.308	1.888	5.828	16.0 E	14.7 E	4.34	2.37E	2.31	2.99E	8.10E	18.6 E	4.20E	7
8	1.288	1.758	5.358	12.7 E	13.4 E	3.27	2.08E	1.79	2.81E	5.00E	13.1 E	3.70E	8
9	1.288	1.828	5.108	11.8 E	12.8 E	2.82	1.84E	1.42	2.28E	4.10E	10.7 E	3.33E	9
10	1.278	1.838	4.708	76.0 E	17.8 E	2.41	1.71E	1.24	2.08E	7.18E	9.40E	2.92E	10
11	1.288	1.428	8.988	41.0 E	24.0 E	2.88	1.80E	1.20	1.88E	5.24E	8.42E	2.67E	11
12	1.248	1.388	8.938	32.2 E	27.1 E	2.19	1.48E	1.20	1.77E	14.8 E	7.81E	2.80E	12
13	1.238	1.308	8.818	12.0 E	18.2 E	1.95	1.42E	1.08	1.70E	10.1 E	6.90E	2.38E	13
14	1.218	3.408	4.348	8.20E	8.10E	1.72	1.38E	3.38E	3.18E	8.40E	16.1 E	2.28E	14
15	1.208	8.008	3.908	8.30E	8.40E	1.70	1.83	2.05E	2.80E	4.81E	13.0 E	2.13E	15
16	1.188	18.0 B	3.488	11.7 E	8.75E	1.45	1.78	8.13E	2.24E	3.85E	8.80E	2.06E	16
17	1.168	19.1 B	3.188	14.1 E	10.0 E	1.35	1.38	21.2 E	2.03E	3.38E	6.00E	1.88E	17
18	1.178	11.2 B	2.988	10.6 E	32.5 E	2.12	1.18	15.0 E	1.89E	3.11E	18.3 E	1.88E	18
19	1.188	8.808	2.798	8.10E	18.3	2.22	1.14	8.80E	1.78E	2.90E	15.0 E	1.82E	19
20	1.808	8.108	2.838	11.0 E	12.3	1.72	4.38	6.80E	7.62A	3.70E	11.7 E	1.77E	20
21	3.008	14.4 B	2.528	48.8 E	8.98	1.32	2.88	4.14E	5.80E	4.07E	18.0 E	1.71E	21
22	4.208	11.0 B	2.448	15.4 E	8.28	1.19	2.36A	8.28E	4.00E	3.80E	33.0 A	2.78E	22
23	2.808	7.208	2.358	10.0 E	8.00E	1.27	2.08E	4.80E	3.30E	34.3 E	11.3 E	2.40E	23
24	2.238	6.808	2.278	8.70E	4.70E	2.01	3.88	3.10E	2.70E	20.1 E	8.00E	2.00E	24
25	2.048	5.858	2.208	7.80E	3.50E	1.48	26.0 E	2.41E	2.30E	14.0 E	7.80E	1.81E	25
26	1.788	5.208	2.48	7.00E	4.85E	1.37	9.80E	2.11E	2.04E	10.5 E	7.10E	2.33E	26
27	8.608	4.758	8.108	8.40A	7.80	3.12	5.10E	1.80E	1.87E	8.10E	6.60E	2.06E	27
28	8.308	4.428	17.0 E	15.1 E	4.98	8.48	3.82E	1.77E	1.74E	7.30A	5.80E	1.90E	28
29	4.108	4.188	46.8 E	27.5 E	3.63	10.8	3.34E	1.62E	1.67E	6.40E	11.0 E	2.07E	29
30	2.908		27.0 E	56.5 E	2.88	4.42	8.82	1.58E	2.80E	4.40E	24.9 E	2.80E	30
31	2.108		19.8 E		2.80		3.73	4.68E		4.04E		2.37E	31
TOTAL	97.02	169.80	388.33	578.80	418.48	81.41	130.89	131.31	81.19	225.18	395.38	115.85	TOTAL
MEAN	2.18	5.84	8.27	18.3	13.4	3.06	3.89	3.91	2.71	7.28	13.2	3.73	MEAN
MAX	8.80	18.1	46.8	76.0	47.1	10.8	26.0	21.2	7.62	34.2	32.8	18.4	MAX
MIN	1.18	1.30	2.20	8.40	2.80	1.18	1.14	1.08	1.67	1.78	3.82	1.71	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.21
MAXIMUM DAILY, 76.0E ON APR 10
MINIMUM DAILY, 1.08 ON AUG 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 32 15 N
LONG 60 32 05 W
DRAINAGE AREA, 125 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 700	JUL	10 400
FEB	14 800	AUG	10 500
MAR	33 100	SEP	7 010
APR	50 100	OCT	19 500
MAY	36 000	NOV	34 200
JUN	7 000	DEC	9 980

TOTAL DISCHARGE, 236 000 dam³

REMARKS - FLOWS SUPPLEMENTED BY RELEASE THROUGH PIPARIAN PIPE AT LOW FLOW. THE E FOR DISCHARGE ABOVE 18.4 DUE TO CURVE EXTENSION

KEJIMKUJIK LAKE - STATION NO. 01ED006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.078	1.158	1.888	1.332	1.458	0.874	0.881	1.138	0.748	0.841	1.018	1.888	1
2	1.070	1.182	1.887	1.383	1.483	0.888	0.877	1.172	0.740	0.841	1.088	1.801	2
3	1.048	1.228	1.880	1.382	1.480	0.848	0.880	1.188	0.723	0.838	1.178	1.818	3
4	1.033	1.274	1.802	1.408	1.447	0.830	0.878	1.187	0.712	0.838	1.280	1.888	4
5	1.024	1.338	1.488	1.440	1.438	0.833	0.874	1.183	0.732	0.888	1.310	1.884	5
6	1.008	1.388	1.424	1.472	1.417	0.828	0.888	1.181	0.738	0.878	1.388	1.803	6
7	1.000	1.384	1.381	1.488	1.382	0.817	0.858	1.188	0.724	0.881	1.414	1.748	7
8	0.978	1.370	1.341	1.534	1.388	0.811	0.848	1.142	0.718	0.887	1.448	1.887	8
9	0.978	1.374	1.301	1.583	1.337	0.807	0.841	1.118	0.708	0.888	1.484	1.829	9
10	0.988	1.383	1.278	1.881	1.308	0.808	0.838	1.082	0.701	0.902	1.488	1.888	10
11	0.954	1.341	1.253	1.881	1.288	0.801	0.828	1.070	0.888	0.918	1.482	1.820	11
12	0.942	1.332	1.214	1.528	1.288	0.780	0.818	1.048	0.883	0.731	1.484	1.483	12
13	0.927	1.383	1.188	1.807	1.238	0.778	0.808	1.018	0.872	0.738	1.432	1.408	13
14	0.918	1.374	1.188	1.481	1.201	0.784	0.801	0.882	0.881	0.744	1.438	1.388	14
15	0.914	1.383	1.145	1.483	1.174	0.788	0.888	0.871	0.874	0.748	1.437	1.313	15
16	0.905	1.437	1.118	1.437	1.138	0.788	0.884	0.881	0.884	0.780	1.418	1.274	16
17	0.883	1.818	1.084	1.428	1.110	0.782	0.887	0.834	0.884	0.748	1.412	1.232	17
18	0.880	1.873	1.070	1.424	1.087	0.741	0.883	0.808	0.881	0.748	1.427	1.211	18
19	0.891	1.821	1.058	1.418	1.082	0.731	0.878	0.883	0.887	0.787	1.418	1.187	19
20	0.898	1.878	1.042	1.421	1.037	0.734	0.888	0.882	0.888	0.788	1.408	1.180	20
21	0.908	1.734	1.034	1.413	1.022	0.718	0.882	0.847	0.888	0.788	1.488	1.128	21
22	0.926	1.778	1.018	1.388	1.002	0.704	0.800	0.831	0.882	0.802	1.524	1.107	22
23	0.936	1.787	1.008	1.378	0.978	0.700	0.808	0.817	0.878	0.881	1.888	1.088	23
24	0.948	1.814	0.881	1.388	0.882	0.881	0.828	0.787	0.878	0.878	1.880	1.087	24
25	0.882	1.824	0.878	1.388	0.888	0.878	0.888	0.778	0.888	0.813	1.882	1.083	25
26	0.883	1.818	0.872	1.388	0.848	0.887	0.718	0.763	0.871	0.838	1.884	1.080	26
27	1.038	1.782	0.885	1.403	0.837	0.881	0.787	0.780	0.884	0.880	1.884	1.081	27
28	1.078	1.782	1.088	1.381	0.828	0.888	0.848	0.778	0.888	0.888	1.874	1.080	28
29	1.103	1.703	1.138	1.412	0.818	0.884	0.834	0.788	0.888	0.888	1.882	1.078	29
30	1.124		1.188	1.448	0.802	0.888	1.018	0.788	0.880	1.008	1.772	1.085	30
31	1.148		1.288		0.888		1.084	0.782		1.011		1.100	31
MEAN	0.982	1.804	1.208	1.438	1.188	0.780	0.878	0.888	0.888	0.782	1.438	1.382	MEAN
MAX	1.148	1.824	1.888	1.881	1.483	0.874	1.084	1.187	0.748	1.011	1.772	1.818	MAX
MIN	0.880	1.188	0.872	1.322	0.888	0.887	0.882	0.782	0.880	0.838	1.018	1.080	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1.080
MAXIMUM DAILY, 1.818 ON DEC 3
MINIMUM DAILY, 0.883 ON JUL 31
MAXIMUM INSTANTANEOUS,
1.835 AT 11:00 AST ON DEC 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 58 N
LONG 65 12 23 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 88.072 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NOVA SCOTIA

KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD - STATION NO. 01DL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8008	2.00 B	1.20 B	4.58	3.33	0.531	1.10	0.537	3.01	0.188	1.84	4.17	1
2	0.5758	3.40 B	1.04 B	4.53	2.62	0.537	1.88	0.584	1.16	0.172	3.04	3.12	2
3	0.5458	2.80 B	1.00 B	4.20	2.73	0.751	1.03	0.498	0.814	0.188	4.88	2.83	3
4	0.5258	2.20 B	0.8408	4.41	5.80	0.817	0.787	0.568	0.622	0.209	3.23	2.18	4
5	0.5008	1.70 B	0.8908	4.83	5.12	0.781	0.800	0.581	0.558	0.904	2.38	2.18	5
6	0.4808	1.45 B	0.8408	3.82	3.18	0.685	0.378	0.457	1.03	1.21	2.10	2.48	6
7	0.4808	1.30 B	0.8058	3.36	2.31	0.843	0.310	0.387	0.887	0.788	2.88	1.78	7
8	0.4408	1.15 B	0.7648	3.32	1.83	0.882	0.261	0.471	0.822	0.884	3.24	1.80	8
9	0.4258	1.02 B	0.7458	2.80	1.54	0.883	0.226	0.478	0.435	0.808	1.83	1.38 B	9
10	0.4058	0.7808	0.7208	2.72	1.28	0.817	0.208	0.388	0.388	0.882	1.78	1.20 B	10
11	0.3858	0.8008	1.30 B	3.82	1.13	0.838	0.201	0.348	0.411	1.43	2.88	1.08 B	11
12	0.3808	0.8808	1.15 B	2.80	1.08	0.821	0.188	0.283	0.380	2.28	2.48	0.8508	12
13	0.3858	2.10 B	1.08 B	2.43	1.08	0.381	0.182	0.221	0.331	1.38	1.88	0.8008	13
14	0.4808	1.70 B	0.9308	2.42	0.958	0.328	0.163	0.204	0.818	0.943	4.88	0.7858	14
15	0.4208	1.40 B	0.8208	2.15	0.831	0.284	0.162	0.341	0.588	1.00	4.52	0.7358	15
16	0.3908	2.87 B	0.8908	2.14	0.728	0.281	0.162	0.718	0.487	0.833	3.82	0.8808	16
17	0.3708	3.80 B	0.8608	2.78	0.632	0.233	0.158	0.746	0.412	0.700	3.38	0.8408	17
18	0.3508	3.00 B	0.8408	2.61	1.35	0.478	0.181	0.813	0.382	0.620	4.00	0.8008	18
19	1.05 B	2.50 B	0.8208	2.61	1.13	0.458	0.181	0.448	0.588	0.888	3.68	0.8858	19
20	2.10 B	2.20 B	0.8008	2.72	0.884	0.338	0.224	0.338	0.832	8.28	3.14	0.8258	20
21	1.88 B	3.90 B	0.7808	2.88	0.810	0.283	0.180	0.311	0.837	5.57	8.71	0.8008	21
22	1.88 B	10.4 B	0.7808	2.83	0.711	0.223	0.788	1.08	0.848	3.27	8.01	0.7408	22
23	1.48 B	7.00 B	0.7408	3.17	0.638	0.332	0.883	0.884	0.831	8.11	3.87	0.8258	23
24	1.30 B	4.80 B	0.8508	3.88	0.885	0.488	1.48	0.485	0.447	4.33	3.71	0.8408	24
25	1.13 B	3.80 B	1.60 B	4.85	0.787	0.323	14.8	0.377	0.381	3.88	2.80	0.7008	25
26	1.70 B	2.30 B	2.80 B	8.48	3.78	0.527	7.05	0.482	0.358	3.03	1.87	0.8208	26
27	3.00 B	1.70 B	8.20 B	8.80	2.88	0.787	3.43	0.887	0.288	3.18	1.70	0.8608	27
28	3.15 B	1.47 B	12.8 B	5.13	1.88	0.743	2.15	0.471	0.214	1.81	3.88	0.8188	28
29	2.20 B	1.33 B	8.33	4.83	1.18	0.858	1.48	0.387	0.218	2.08	13.7	0.7888	29
30	1.88 B		4.88	4.08	0.933	0.420	1.01	3.47	0.213	2.83	8.77	0.8508	30
31	1.88 B		4.11		0.830		0.731	4.18		1.84		0.8008	31
TOTAL	31.748	78.400	81.884	111.42	84.788	18.715	41.781	21.783	18.881	80.758	104.89	38.788	TOTAL
MEAN	1.02	2.80	2.00	3.71	1.77	0.824	1.35	0.702	0.588	1.88	3.49	1.18	MEAN
MAX	3.00	10.4	12.8	8.80	5.80	0.831	14.8	4.18	2.01	8.28	13.7	4.17	MAX
MIN	0.380	0.780	0.720	2.14	0.888	0.323	0.143	0.304	0.212	0.172	1.84	0.800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 14.8 ON JUL 25
MINIMUM DAILY, 0.143 ON JUL 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 35 10 N
LONG 64 27 05 W
DRAINAGE AREA, 83.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 740	JUL	3 610
FEB	6 610	AUG	1 880
MAR	5 350	SEP	1 470
APR	9 630	OCT	6 250
MAY	4 730	NOV	9 040
JUN	1 590	DEC	3 140

TOTAL DISCHARGE, 54 800 dam³

LAHAVE RIVER AT WEST NORTHFIELD - STATION NO. 01EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.28	43.0	52.9	102	71.1	10.3	8.28	42.1	4.89	3.95	42.1	148	1
2	19.68	48.6	48.6	95.0	84.3	10.1	8.88	38.8	4.81	3.87	80.1	133	2
3	19.38	61.8	41.3	90.4	57.8	9.82	8.98	31.4	4.62	3.81	119	102	3
4	19.28	68.3	37.7	87.8	58.8	9.14	8.87	28.2	4.25	3.35	122	84.8	4
5	19.08	68.4	34.8	84.1	58.8	8.83	8.34	25.8	4.43	8.10	108	71.8	5
6	18.48	68.88	31.8	108	53.8	8.78	8.08	22.7	4.71	8.10	81.8	68.8	6
7	18.18	62.78	30.0	137	48.8	8.63	8.82	19.7	4.88	15.8	82.4	61.8	7
8	17.88	48.88	28.3	157	45.1	8.38	8.28	17.8	8.07	14.1	88.0	48.2	8
9	17.88	41.88	27.0	138	40.8	7.78	4.88	18.8	4.81	13.8	78.0	38.2	9
10	17.88	39.78	26.8	121	38.8	7.81	4.70	18.8	4.84	12.8	88.8	34.8	10
11	17.38	34.88	24.38	108	33.7	7.48	4.88	14.1	4.27	12.8	82.8	30.1	11
12	17.18	31.88	23.28	88.4	31.3	7.22	4.48	12.7	3.88	14.3	88.4	28.1	12
13	17.08	31.38	22.38	78.4	29.1	6.88	4.38	11.4	3.88	18.3	82.8	22.8	13
14	16.48	34.18	21.78	88.1	27.1	6.83	4.04	10.4	3.84	14.8	84.1	21.1	14
15	16.28	47.88	20.88	88.8	24.4	6.13	3.84	9.88	3.73	13.7	80.8	19.08	15
16	16.4	73.2	20.3	88.8	22.0	5.82	3.78	9.77	3.77	12.8	88.1	17.38	16
17	16.8	104 E	18.3	88.1	20.2	5.82	3.82	9.28	3.82	11.8	82.8	16.28	17
18	16.3	97.88	18.4	70.2	19.1	5.87	3.83	9.02	3.87	10.7	87.4	15.7	18
19	17.8	81.38	18.3	88.8	17.8	5.82	3.34	8.44	3.83	10.8	88.0	15.4	19
20	23.8	88.78	18.2	71.1	18.7	5.88	3.24	7.88	4.28	28.4	84.2	15.4	20
21	28.8	108	17.8	77.3	18.8	5.77	3.05	7.08	5.00	82.7	81.8	14.28	21
22	36.2	113	16.8	73.7	18.0	5.38	4.14	6.74	5.77	82.8	108	14.18	22
23	37.3	107	16.3	87.7	14.3	5.08	5.70	6.58	6.08	81.3	101	14.08	23
24	35.8	113	16.8	80.8	13.4	4.73	10.2	6.40	6.24	82.1	88.7	15.3	24
25	33.8	111	17.7	88.2	12.9	4.38	28.8	6.78	6.84	80.8	78.2	17.0	25
26	44.2	98.8	21.8	83.4	12.8	4.43	48.8	6.82	6.80	83.8	83.4	18.0	26
27	87.8	88.1	38.8	83.8	13.2	4.84	51.1	6.86	6.08	88.4	84.8	18.8	27
28	87.28	72.4	102	77.3	12.8	5.11	47.4	6.38	4.88	83.1	84.9	18.8	28
29	88.28	81.8	142	72.8	12.0	5.87	48.3	6.30	4.80	80.8	138	28.2	29
30	81.78		132	78.7	11.2	5.87	48.8	6.11	4.18	80.1	172	31.8	30
31	48.8		118		10.8		48.4	6.11		48.4		30.8	31
TOTAL	889.0	2 035.1	1 188.8	2 807.3	918.4	202.88	442.28	423.87	138.38	836.81	2 878.7	1 178.4	TOTAL
MEAN	28.8	70.2	38.7	88.8	29.8	6.78	14.3	13.7	4.81	27.1	78.2	38.0	MEAN
MAX	87.8	113	142	157	71.1	10.3	51.1	42.1	6.34	83.8	172	148	MAX
MIN	16.3	31.2	16.3	88.8	10.8	4.38	3.05	6.11	3.87	3.28	42.1	16.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.1
MAXIMUM DAILY, 172 ON NOV 30
MINIMUM DAILY, 3.05 ON JUL 21
MAXIMUM INSTANTANEOUS,
178 AT 04:08 AST ON NOV 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 48 N
LONG 64 38 30 W
DRAINAGE AREA, 1 250 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 100	JUL	38 200
FEB	178 000	AUG	38 800
MAR	104 000	SEP	12 000
APR	224 000	OCT	72 800
MAY	78 200	NOV	205 000
JUN	17 800	DEC	102 000

TOTAL DISCHARGE, 1 140 000 dam³

LAKE O'LAW BROOK AT EGYPT ROAD - STATION NO. 01FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7008	0.6208	2.10 B	3.28	5.34	1.46	1.31	1.58	0.788	0.770	1.78	4.78	1
2	0.6838	1.11 B	2.30 B	3.37	4.44	1.27	2.10	1.38	0.743	0.711	2.83	4.13	2
3	0.6708	1.70 B	2.02 B	3.44	5.11	1.21	2.02	1.24	0.824	0.632	5.51	3.68	3
4	0.6558	2.78 B	1.90 B	3.71	8.08	1.11	1.77	1.21	0.748	0.802	4.48	3.40	4
5	0.6408	2.10 B	1.78 B	5.04	8.38	1.47	1.60	1.11	0.788	1.18	3.88	3.11	5
6	0.6258	1.80 B	1.88 B	4.77	8.26	1.83	1.41	1.06	0.803	1.06	3.11	2.83	6
7	0.6078	1.58 B	1.88 B	4.33	4.83	1.81	1.30	0.973	0.718	1.08	3.20	2.88	7
8	0.5958	1.38 B	1.80 B	3.84	4.32	1.88	1.18	0.804	0.674	0.918	2.88	2.53	8
9	0.5848	1.18 B	1.43 B	4.04	3.88	1.88	1.11	0.863	0.630	1.47	2.58	2.37	9
10	0.5728	1.02 B	1.38 B	5.12	3.70	1.43	1.14	0.818	0.821	1.97	2.88	2.23	10
11	0.5588	0.9408	2.40 B	5.40	3.84	1.38	1.08	0.788	0.708	3.33	3.53	2.05	11
12	0.5508	0.8708	3.00 B	5.88	3.38	1.22	0.984	0.762	0.826	2.98	3.38	1.93	12
13	0.5448	0.8588	1.88 B	5.23	3.13	1.14	0.914	0.725	0.832	2.38	3.08	1.84	13
14	0.5408	0.9288	1.70 B	4.49	2.84	1.12	0.831	0.678	1.17	1.93	3.14	1.74	14
15	0.5388	1.01 B	1.88 B	4.08	2.82	1.08	1.08	0.730	0.882	1.80	3.37	1.62	15
16	0.5308	1.80 B	1.48 B	3.78	2.41	0.988	0.918	1.23	0.888	1.57	2.87	1.81	16
17	0.5288	4.20 B	1.38 B	3.88	2.82	0.843	0.844	1.02	0.847	1.37	3.73	1.43	17
18	0.5308	3.00 B	1.32 B	3.88	2.88	1.08	0.738	0.882	0.788	1.27	5.08	1.32 B	18
19	0.5188	2.50 B	1.28 B	4.22	2.37	0.824	0.772	0.804	1.38	1.31	4.12	1.28 B	19
20	0.5158	2.27 E	1.18 B	4.54	2.18	0.897	0.803	0.730	1.57	2.38	3.82	1.20 B	20
21	0.5138	3.00 B	1.18 B	4.88	1.88	0.824	0.738	0.748	1.38	2.88	3.89	1.18 B	21
22	0.5088	3.80 B	1.10 B	4.42	1.85	0.780	0.887	1.82	1.21	2.11	3.87	1.11 B	22
23	0.5088	2.88 B	1.08 B	3.80	1.74	0.888	0.788	0.947	1.18	3.46	3.48	1.07 B	23
24	0.5048	2.43 B	1.03 B	3.58	1.81	0.828	0.828	0.818	1.88	3.83	3.08	1.04 B	24
25	0.5028	2.27 B	0.9908	3.42	1.48	0.784	2.32	0.738	0.938	3.38	2.83	1.01 B	25
26	0.8008	2.10 B	0.988	3.17	1.88	0.672	1.87	0.887	0.884	3.01	2.88	0.9808	26
27	1.88 B	2.00 B	1.48	3.12	1.88	0.928	1.48	0.888	0.788	2.87	2.49	0.9408	27
28	1.34 B	1.82 B	4.47	3.41	1.84	1.33	1.30	0.888	0.724	2.34	3.81	0.9508	28
29	1.12 B	1.88 B	4.18	3.80	1.40	1.44	1.28	0.831	0.888	2.22	3.48	0.8908	29
30	0.9808		3.48	5.88	1.27	1.13	1.34	1.08	0.888	2.08	5.07	1.01 B	30
31	0.8988		3.32		1.38		1.34	1.04		1.82		0.9308	31
TOTAL	20.830	84.833	57.388	134.88	83.84	34.883	37.830	29.380	27.181	68.343	108.07	68.780	TOTAL
MEAN	0.675	1.69	1.88	4.49	2.03	1.17	1.22	0.847	0.906	1.88	3.84	1.80	MEAN
MAX	1.58	4.20	4.47	5.88	8.08	1.81	2.32	1.58	1.87	3.83	8.48	4.78	MAX
MIN	0.502	0.838	0.988	3.12	1.27	0.780	0.738	0.831	0.838	0.802	1.78	0.838	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 8.80 ON APR 11
MINIMUM DAILY, 0.8028 ON JAN 28
MAXIMUM INSTANTANEOUS,
11.3 AT 02:12 AST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 83 N
LONG 88 84 23 W
DRAINAGE AREA, 37.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 810	JUL	3 260
FEB	4 740	AUG	2 640
MAR	4 880	SEP	2 380
APR	11 600	OCT	5 040
MAY	8 110	NOV	9 180
JUN	3 020	DEC	5 080

TOTAL DISCHARGE, 61 700 dam³

LISCOMB RIVER AT LISCOMB MILLS - STATION NO. 01EN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.408	24.2	17.4	43.0	44.0	7.89	35.2	15.2	3.43	3.80	20.2	66.6	1
2	6.808	21.1	18.3	40.3	41.6	7.78	78.7	12.8	3.41	3.28	17.7	61.4	2
3	5.308	28.8	21.3	36.3	38.0	7.65	68.3	10.8	3.34	3.02	24.4	48.4	3
4	5.008	30.8A	21.0 B	37.3	38.8	8.88	47.3	8.13	3.26	2.83	36.8	32.5	4
5	4.808	38.7	20.8 B	44.8	37.4	7.08	34.1	8.12	3.21	3.88	38.2	28.8	5
6	4.808	38.1A	19.0 B	58.8	33.7	7.84	24.2	7.70	3.82	7.82	31.2	20.1	6
7	4.458	36.8A	18.8	88.8	27.1	8.13	17.4	7.80	4.26	15.8	38.7	18.7	7
8	4.308	36.1A	16.7	88.8	21.2	8.17	13.8	7.08	4.41	18.8	38.8	13.8	8
9	4.258	33.8	13.7	84.7	17.1	7.40	9.73	8.24	4.43	18.1	38.8	11.0 B	9
10	4.208	17.38	13.0	83.7	14.0	7.14	7.78	8.80	4.23	18.0	28.8	8.158	10
11	4.108	13.58	17.7	78.4	11.8	7.38	8.88	4.88	4.24	18.4	24.8	7.838	11
12	4.008	11.18	21.3 B	84.7	10.2	7.00	5.80	4.05	4.07	22.7	21.8	8.848	12
13	3.888	11.88	21.0 B	83.7	8.41	8.88	4.82	3.88	3.87	28.8	18.2	8.028	13
14	3.828	18.78	18.2	81.8	8.88	8.88	4.28	3.28	3.85	23.3	18.8	8.848	14
15	3.888	30.88	18.8 B	83.3	7.88	8.18	4.18	2.88	4.48	18.7	28.1	8.81	15
16	3.888	27.18	12.8	28.8	7.11	4.88	4.38	3.88	4.88	14.8	30.1	5.38	16
17	3.918	83.48	8.808	30.8	6.88	4.17	4.37	3.08	5.03	11.8	27.8	4.608	17
18	4.088	73.08	8.508	38.8	33.7	4.33	4.17	3.10	4.88	8.81	43.4	4.428	18
19	4.808	70.88	8.82	81.2	30.0	4.41	3.80	3.11	8.81	8.38	48.2	4.338	19
20	8.008	88.2	7.74	88.8	28.1	4.38	3.78	3.08	10.8	18.8	41.8	4.288	20
21	8.378	80.8	7.358	88.1	18.8	4.11	3.47	3.13	12.2	38.8	82.8	4.28	21
22	18.8 B	88.8	7.008	81.8	18.2	3.87	3.77	3.11	12.8	40.8	88.8	4.288	22
23	13.8 B	80.2	8.88	82.8	11.8	3.71	8.88	3.08	11.8	80.8	83.8	4.288	23
24	11.8 B	48.2	8.48	43.7	8.48	3.78	8.81	3.04	10.4	78.8	40.7	4.48	24
25	10.8 B	43.08	8.13	38.8	7.81	3.48	28.8	2.48	8.88	71.4	31.3	4.48	25
26	28.8	27.08	8.22	28.8	7.78	3.34	80.7	2.28	8.81	82.8	24.4	4.88	26
27	80.2	31.08	7.81	28.2	11.4	3.63	88.2	2.80	8.78	40.3	18.7	4.78	27
28	80.8	33.38	28.2	31.8	13.1	8.08	44.2	3.84	4.78	33.3	16.8	8.82	28
29	83.2 A	28.8	83.8	28.1	12.2	7.18	31.8	3.83	4.30	28.1	43.8	8.178	29
30	40.8 A		82.8	33.8	10.8	8.82	28.8	3.48	3.78	28.1	73.4	8.088	30
31	31.8		80.8		8.30		18.8	3.44		24.8		8.338	31
TOTAL	413.14	887.8	572.82	1 434.2	878.88	178.38	888.88	187.13	171.87	746.82	1 028.2	488.81	TOTAL
MEAN	13.3	34.1	18.8	48.8	18.7	8.88	31.8	8.87	8.72	24.8	34.2	12.8	MEAN
MAX	80.8	73.8	83.8	78.4	44.8	8.82	78.7	18.2	12.8	78.8	73.4	88.8	MAX
MIN	3.88	11.1	8.13	28.8	7.11	3.34	3.47	2.28	3.21	3.83	17.7	4.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 78.8 ON OCT 24
MINIMUM DAILY, 2.28 ON AUG 28
MAXIMUM INSTANTANEOUS,
80.8 AT 18:38 AST ON OCT 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 88 84 N
LONG 82 88 48 W
DRAINAGE AREA, 368 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 700	JUL	87 800
FEB	88 300	AUG	13 800
MAR	48 800	SEP	14 800
APR	131 000	OCT	84 300
MAY	80 100	NOV	88 800
JUN	18 200	DEC	34 800

TOTAL DISCHARGE, 830 000 dam³

NOVA SCOTIA

LITTLE BACKVILLE RIVER AT MIDDLE BACKVILLE - STATION NO. 01EJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1088	0.4208	0.4688	0.518	0.480	0.107	0.840	0.510	0.028	0.028	0.234	0.847	1
2	0.1078	0.3908	0.2278	0.518	0.340	0.063	0.276	0.306	0.024	0.028	3.18	0.482	2
3	0.1088	0.3708	0.2438	0.480	0.706	0.058	0.286	0.218	0.017	0.028	1.30	0.354	3
4	0.1058	0.4588	0.2288	0.748	0.803	0.078	0.144	0.207	0.018	0.120	0.888	0.287	4
5	0.1048	0.8408	0.2088	1.84	0.438	0.187	0.076	0.112	0.828	2.61	0.405	0.1778	5
6	0.1038	0.4708	0.1888	2.18	0.317	0.088	0.060	0.078	0.128	0.505	0.888	0.1208	6
7	0.1028	0.2208	0.3078	1.88	0.242	0.058	0.041	0.088	0.083	0.308	1.81	0.1058	7
8	0.1008	0.1758	0.2988	1.11	0.210	0.045	0.032	0.058	0.034	0.431	0.887	0.0988	8
9	0.0988	0.1848	0.2488	1.20	0.175	0.049	0.028	0.083	0.027	0.838	0.442	0.0888	9
10	0.0988	0.1808	0.8148	1.30	0.155	0.074	0.023	0.044	0.026	0.388	0.349	0.0838	10
11	0.0978	0.1588	0.8488	1.18	0.141	0.055	0.018	0.038	0.026	0.824	0.518	0.0888	11
12	0.0958	0.1528	0.3648	0.844	0.177	0.040	0.021	0.031	0.022	0.484	0.318	0.0808	12
13	0.0958	1.82 B	0.3078	0.422	0.135	0.032	0.018	0.027	0.312	0.303	0.217	0.0498	13
14	0.0958	0.8348	0.2388	0.341	0.127	0.031	0.014	0.024	0.403	0.222	1.83	0.0488	14
15	0.0848	0.4598	0.1858	0.287	0.104	0.026	0.138	0.083	0.183	0.178	0.896	0.0458	15
16	0.0848	8.34 B	0.1458	1.26	0.081	0.026	0.031	0.081	0.089	0.128	0.418	0.0428	16
17	0.0848	3.18	0.1488	0.842	0.307	0.058	0.021	0.051	0.054	0.098	0.852	0.0388	17
18	0.0848	1.08	0.3078	0.825	0.188	0.124	0.018	0.034	0.082	0.084	1.51	0.0368	18
19	0.0838	0.4978	0.300	2.23	0.115	0.045	0.016	0.028	0.235	1.82	0.540	0.0338	19
20	0.1258	2.08 B	0.280	1.83	0.119	0.031	0.014	0.021	0.090	7.81	0.397	0.0328	20
21	0.1758	1.86	0.2088	1.27	0.088	0.028	0.018	0.043	0.094	1.35	3.89	0.3278	21
22	0.3508	0.8788	0.1338	0.900	0.088	0.024	0.807	0.047	0.130	1.83	1.13	0.1488	22
23	0.2758	1.28	0.1488	0.678	0.083	0.121	0.181	0.028	0.088	5.33	0.898	0.0788	23
24	0.2388	0.8348	0.288	0.807	0.078	0.073	0.888	0.022	0.082	1.17	0.395	0.0648	24
25	0.2158	0.5508	0.431	1.89	0.148	0.038	1.80	0.017	0.037	1.32	0.380	0.5308	25
26	0.2708	0.4288	0.828	0.778	0.318	0.248	0.801	0.018	0.038	0.804	0.241	0.1458	26
27	1.00 B	0.3568	1.80	0.448	0.188	0.153	0.280	0.018	0.036	0.524	0.120	0.1088	27
28	0.8008	0.3078	1.70	0.388	0.089	0.102	0.788	0.017	0.031	0.384	2.08	0.3278	28
29	0.7408	0.2588	0.978	1.38	0.071	0.068	2.77	0.018	0.028	0.874	3.84	0.9348	29
30	0.5808		0.821	0.722	0.058	0.232	1.81	0.187	0.028	0.432	0.824	0.3478	30
31	0.4808		0.535		0.187		0.725	0.089		0.303		0.1458	31
TOTAL	7.229	28.807	13.180	28.905	8.858	2.334	11.984	3.484	2.824	30.728	28.702	8.184	TOTAL
MEAN	0.233	0.993	0.425	0.887	0.218	0.078	0.388	0.078	0.087	0.991	0.980	0.200	MEAN
MAX	1.00	8.34	1.70	2.23	0.803	0.248	2.77	0.510	0.528	7.81	3.89	0.934	MAX
MIN	0.083	0.152	0.133	0.287	0.058	0.024	0.014	0.018	0.017	0.028	0.120	0.032	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.470
MAXIMUM DAILY, 8.340 ON FEB 16
MINIMUM DAILY, 0.014 ON JUL 14
MAXIMUM INSTANTANEOUS,
17.0 AT 04:35 AST ON OCT 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 45 48 N
LONG 63 41 20 W
DRAINAGE AREA, 13.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	635	JUL 1 030	
FEB 2 490		AUG 213	
MAR 1 140		SEP 283	
APR 2 540		OCT 2 650	
MAY 875		NOV 2 570	
JUN 292		DEC 838	

TOTAL DISCHARGE, 14 900 dam³

LITTLE WEST RIVER NEAR SHEET HARBOUR - STATION NO. 01EH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	3.17	1
2	---	---	---	---	---	---	---	---	---	---	---	3.11	2
3	---	---	---	---	---	---	---	---	---	---	---	3.05	3
4	---	---	---	---	---	---	---	---	---	---	---	3.00	4
5	---	---	---	---	---	---	---	---	---	---	---	2.93	5
6	---	---	---	---	---	---	---	---	---	---	---	2.87	6
7	---	---	---	---	---	---	---	---	---	---	---	2.83	7
8	---	---	---	---	---	---	---	---	---	---	2.98	2.78	8
9	---	---	---	---	---	---	---	---	---	---	2.98	2.80	9
10	---	---	---	---	---	---	---	---	---	---	2.92	2.98	10
11	---	---	---	---	---	---	---	---	---	---	2.92	1.84	11
12	---	---	---	---	---	---	---	---	---	---	---	1.78	12
13	---	---	---	---	---	---	---	---	---	---	---	1.63	13
14	---	---	---	---	---	---	---	---	---	---	2.88	1.37	14
15	---	---	---	---	---	---	---	---	---	---	2.88	1.24	15
16	---	---	---	---	---	---	---	---	---	---	2.84	1.04	16
17	---	---	---	---	---	---	---	---	---	---	2.82	0.8508	17
18	---	---	---	---	---	---	---	---	---	---	2.88	0.8808	18
19	---	---	---	---	---	---	---	---	---	---	3.02	0.7088	19
20	---	---	---	---	---	---	---	---	---	---	2.98	0.8808	20
21	---	---	---	---	---	---	---	---	---	---	3.14	0.8408	21
22	---	---	---	---	---	---	---	---	---	---	3.28	0.8908	22
23	---	---	---	---	---	---	---	---	---	---	3.32	0.8908	23
24	---	---	---	---	---	---	---	---	---	---	3.14	0.879	24
25	---	---	---	---	---	---	---	---	---	---	3.04	0.818	25
26	---	---	---	---	---	---	---	---	---	---	2.90	0.891	26
27	---	---	---	---	---	---	---	---	---	---	2.92	0.878	27
28	---	---	---	---	---	---	---	---	---	---	2.88	0.828	28
29	---	---	---	---	---	---	---	---	---	---	3.13	0.868	29
30	---		---	---	---	---	---	---	---	---	3.18	1.04	30
31	---		---		---		---	---		---		1.03	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	48.184	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	1.88	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	3.17	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	0.879	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 54 04 N
LONG 62 33 38 W
DRAINAGE AREA, 48.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC 4 180	

MACASKILLS BROOK NEAR BIRCH GROVE - STATION NO. 01PJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1538	0.5808	2.10 B	1.88	3.78	0.235	0.580	0.318	0.118	0.040	0.371	0.818	1
2	0.1488	0.5308	4.25 B	1.84	1.84	0.213	0.573	0.241	0.077	0.037	0.834	0.671	2
3	0.1478	0.5058	2.80 B	1.83	2.31	0.181	0.745	0.181	0.108	0.037	2.80	0.533	3
4	0.1438	0.5008	2.00 B	1.37	4.48 E	0.122	0.888	0.130	0.118	0.033	1.58	0.448	4
5	0.1388	0.8008	1.43 B	1.78	3.02	0.335	0.478	0.127	0.112	1.41	0.907	0.351	5
6	0.1348	1.28 B	1.10 B	1.88	1.88	0.434	0.313	0.103	0.180	1.89	0.871	0.303	6
7	0.1328	0.8608	0.7408	1.32	0.978	0.317	0.223	0.081	0.120	1.01	1.61	0.273	7
8	0.1288	0.7408	0.6208	1.18	0.848	0.243	0.153	0.081	0.085	0.813	1.37	0.235	8
9	0.1288	0.6408	0.5588	3.86	0.485	0.178	0.108	0.047	0.082	0.910	0.911	0.200	9
10	0.1238	0.3808	0.4808	8.27 E	0.365	0.195	0.077	0.038	0.037	0.947	0.890	0.181	10
11	0.1208	0.3108	2.40 B	6.88 E	0.300	0.272	0.118	0.028	0.038	0.892	0.881	0.167	11
12	0.1188	0.2708	2.10 B	3.81	0.250	0.185	0.180	0.021	0.043	1.22	0.481	0.1308	12
13	0.1148	0.2888	1.80 B	1.88	0.220	0.141	0.118	0.018	0.041	0.789	0.378	0.1188	13
14	0.1128	0.2808	1.10 B	1.23	0.195	0.109	0.081	0.028	0.172	0.551	0.888	0.1008	14
15	0.1108	0.3008	0.7808	0.885	0.195	0.105	0.071	0.028	0.187	0.423	1.01	0.0858	15
16	0.1088	0.4808	0.5808	0.728	0.151	0.088	0.384	0.248	0.183	0.326	0.703	0.0808	16
17	0.1068	4.80 B	0.4188	1.12	0.185	0.082	0.242	0.788	0.135	0.285	0.528	0.0788	17
18	0.1048	3.70 B	0.3808	0.883	0.491	0.178	0.185	0.755	0.104	0.228	1.80	0.0748	18
19	0.1038	2.70 B	0.3208	1.14	0.510	0.285	0.173	0.488	0.105	0.188	1.38	0.0708	19
20	0.8808	1.85 B	0.2958	2.78	0.417	0.143	0.213	0.315	0.180	0.235	0.850	0.0858	20
21	0.5188	3.30 B	0.2708	4.10	0.320	0.087	0.145	0.218	0.158	0.382	1.37	0.1808	21
22	0.4208	2.40 B	0.2488	2.71	0.242	0.088	0.288	0.340	0.148	0.278	2.78	0.2328	22
23	0.3408	1.78 B	0.2308	1.88	0.184	0.048	0.387	0.288	0.134	2.28	1.87	0.1858	23
24	0.2908	2.37 B	0.2188	1.44	0.141	0.051	0.270	0.228	0.100	3.18	0.930	0.1128	24
25	0.2408	1.85 B	0.2108	1.18	0.112	0.035	1.48	0.158	0.088	1.72	0.858	0.2058	25
26	0.5108	1.10 B	0.5208	1.28	0.151	0.028	1.47	0.108	0.080	0.984	0.528	0.2808	26
27	1.52 B	0.8008	1.00 B	1.21	0.288	0.081	0.837	0.088	0.048	0.858	0.480	0.2108	27
28	1.10 B	0.8108	2.93	1.00	0.180	0.802	0.805	0.080	0.044	0.878	0.528	0.1858	28
29	0.8008	0.7808	2.83	1.55	0.118	1.44	0.510	0.088	0.048	0.578	1.45	0.3088	29
30	0.6808		2.11	10.3	0.078	0.891	0.574	0.097	0.048	0.500	1.08	0.2808	30
31	0.6108		1.74		0.071		0.430	0.185		0.450		0.2388	31
TOTAL	10.084	38.784	38.301	88.704	24.385	7.281	12.773	8.888	3.018	23.747	31.778	7.347	TOTAL
MEAN	0.324	1.27	1.24	2.32	0.784	0.243	0.412	0.188	0.101	0.788	1.08	0.237	MEAN
MAX	1.52	4.80	4.25	10.3	4.48	1.44	1.48	0.788	0.180	3.18	2.78	0.818	MAX
MIN	0.103	0.288	0.210	0.728	0.071	0.028	0.071	0.018	0.038	0.033	0.371	0.085	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.740
MAXIMUM DAILY, 10.3 ON APR 30
MINIMUM DAILY, 0.018 ON AUG 13
MAXIMUM INSTANTANEOUS,
18.8E AT 05:43 AST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 06 55 N
LONG 60 00 26 W
DRAINAGE AREA, 17.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	888	JUL 1 100	
FEB 3 180		AUG	809
MAR 3 310		SEP	281
APR 5 020		OCT 2 080	
MAY 2 100		NOV 2 780	
JUN	830	DEC	835

TOTAL DISCHARGE, 23 400 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 3.80 IS DUE TO CURVE EXTENSION

MCINTOSH RUN AT HERRING COVE ROAD - STATION NO. 01EJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.880	1.34	0.945	0.854	1.48	0.308	1.49	0.848	0.184	0.182	1.51	2.17	1
2	0.838	1.28	0.883	0.812	1.31	0.283	1.54	0.823	0.180	0.184	1.82	2.05	2
3	0.800	1.21	0.840	0.887	1.24	0.393	1.38	0.701	0.142	0.185	1.58	1.85	3
4	0.800	1.13	0.785	0.874	1.21	0.297	1.28	0.630	0.140	0.222	1.47	1.89	4
5	0.485	1.82	0.775	0.988	1.08	0.316	1.13	0.548	0.310	0.724	1.43	1.81	5
6	0.488	1.41	0.732	1.20	0.998	0.298	0.982	0.487	0.235	0.782	1.51	1.73	6
7	0.448	1.28	0.672	1.85	0.908	0.266	0.780	0.451	0.223	0.808	1.87	1.87	7
8	0.484	1.16	0.618	1.98	0.821	0.306	0.852	0.408	0.214	0.843	1.57	1.82	8
9	0.430	1.01	0.564	2.06	0.718	0.362	0.688	0.353	0.198	0.872	1.47	1.85	9
10	0.417	0.888	0.895	2.09	0.650	0.368	0.488	0.338	0.207	0.812	1.42	1.49	10
11	0.418	0.783	0.788	2.10	0.808	0.332	0.471	0.314	0.181	1.08	1.38	1.42	11
12	0.383	0.743	0.895	1.88	0.578	0.328	0.471	0.290	0.130	1.08	1.18	1.35	12
13	0.384	1.10	0.848	1.84	0.521	0.323	0.432	0.284	0.178	1.04	1.01	1.28	13
14	0.347	1.08	0.803	1.48	0.483	0.289	0.380	0.233	0.212	0.911	1.28	1.18	14
15	0.332	1.02	0.858	1.28	0.478	0.285	0.813	0.251	0.284	0.801	1.18	1.04	15
16	0.311	3.48	0.823	1.40	0.481	0.303	0.438	0.248	0.288	0.738	1.08	0.830	16
17	0.288	3.81	0.483	1.87	0.505	0.328	0.415	0.284	0.283	0.887	1.18	0.828	17
18	0.282	3.28	0.448	1.81	0.488	0.337	0.388	0.233	0.308	0.818	1.37	0.778	18
19	0.488	2.84	0.408	2.18	0.447	0.307	0.387	0.188	0.430	0.838	1.17	0.898	19
20	0.585	2.78	0.388	2.08	0.428	0.289	0.348	0.140	0.384	2.12	1.02	0.818	20
21	0.808	2.58	0.380	1.83	0.408	0.883	0.341	0.141	0.388	1.42	2.82	0.884	21
22	0.817	3.24	0.365	1.66	0.398	1.01	0.848	0.117	0.388	1.88	3.48	0.831	22
23	0.787	1.82	0.327	1.42	0.391	0.858	0.720	0.140	0.314	2.41	2.88	0.488	23
24	0.788	1.71	0.330	1.28	0.378	0.738	1.13	0.188	0.283	2.01	3.33	0.438	24
25	0.788	1.84	0.338	1.48	0.378	0.803	1.78	0.198	0.288	2.18	2.18	0.487	25
26	2.10	1.38	0.381	1.47	0.420	0.840	1.77	0.182	0.241	1.83	2.05	0.458	26
27	2.18	1.22	0.882	1.37	0.373	0.715	1.60	0.181	0.228	1.87	1.95	0.421	27
28	2.02	1.04	0.834	1.28	0.340	0.722	1.83	0.185	0.203	1.78	2.18	0.467	28
29	1.78	0.813	1.07	1.81	0.338	0.628	1.43	0.178	0.187	1.78	3.88	0.888	29
30	1.82		1.08	1.87	0.324	0.788	1.24	0.188	0.178	1.87	2.17	0.807	30
31	1.32		1.01		0.388		1.08	0.178		1.80		0.887	31
TOTAL	33.378	47.857	18.788	48.183	19.488	13.485	27.772	8.888	7.487	38.038	51.33	33.788	TOTAL
MEAN	0.784	1.84	0.837	1.81	0.838	0.450	0.888	0.323	0.248	1.18	1.71	1.09	MEAN
MAX	2.18	3.81	1.07	2.18	1.48	1.01	1.78	0.848	0.430	2.41	3.48	2.17	MAX
MIN	0.282	0.743	0.327	0.874	0.324	0.288	0.341	0.117	0.130	0.182	1.01	0.421	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.818
MAXIMUM DAILY, 3.81 ON FEB 17
MINIMUM DAILY, 0.117 ON AUG 22
MAXIMUM INSTANTANEOUS,
8.82 AT 17:51 AST ON FEB 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 31 N
LONG 63 37 01 W
DRAINAGE AREA, 15.1 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 2 020		JUL 2 400	
FEB 4 120		AUG	884
MAR 1 710		SEP	844
APR 2 800		OCT 2 110	
MAY 1 880		NOV 4 430	
JUN 1 170		DEC 2 020	

TOTAL DISCHARGE, 29 000 dam³

NOVA SCOTIA

MEDWAY RIVER AT CHARLESTON - STATION NO. 01EE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.48	58.48	77.08	80.6	82.0	17.2	10.3	24.5	7.03	5.18	48.8	124	1
2	36.08	58.58	72.68	83.6	78.3	16.3	11.1	27.0	6.85	5.03	58.1	128	2
3	33.88	52.38	68.68	88.0	77.1	15.5	10.8	28.3	6.44	4.88	88.8	128	3
4	33.08	57.4	68.68	86.8	77.1	14.7	10.1	30.5	6.27	5.11	85.8	126	4
5	32.38	78.2	62.88	83.6	72.4	15.1	9.84	31.0	6.78	5.85	88.5	117	5
6	31.68	78.0	58.78	88.8	68.2	14.8	8.88	30.8	7.32	5.18	103	107	6
7	30.48	74.6	56.48	81.2	64.4	14.2	8.61	28.7	7.04	5.07	113	97.0	7
8	28.78	68.8	53.78	83.0	60.6	13.4	8.11	28.0	6.80	7.72	118	85.8	8
9	28.08	65.7	50.88	85.1	58.1	13.0	7.85	25.5	6.28	8.03	110	78.8	9
10	26.58	62.2	47.5	86.7	52.4	13.0	7.43	22.2	6.07	8.10	104	68.5	10
11	27.68	58.8	48.3	87.5	48.9	12.6	7.14	20.0	5.88	8.88	98.8	62.8	11
12	27.28	55.0	46.1	85.3	46.4	12.1	8.84	18.2	5.81	9.80	93.8	57.5	12
13	26.58	52.08	42.9	80.6	43.4	11.8	8.88	16.5	5.80	9.88	88.5	52.7	13
14	25.38	48.58	40.1	84.7	38.7	11.4	8.38	15.2	5.82	10.1	86.1	48.7	14
15	25.58	51.8	38.2	77.6	36.8	10.7	8.38	14.2	5.82	10.1	85.4	45.2	15
16	25.28	113	36.2	78.8	34.0	10.5	8.48	13.4	5.82	9.82	80.8	42.3	16
17	24.68	167	34.1	80.4	32.2	10.1	8.84	12.8	5.83	9.85	76.3	37.38	17
18	24.38	148	32.8	87.0	30.7	10.8	5.62	12.1	5.41	9.88	78.8	35.88	18
19	24.78	134	30.8	84.3	28.7	10.7	5.48	11.3	5.81	10.5	77.3	34.28	19
20	25.88	126	29.8	85.0	26.8	10.2	5.04	10.8	5.74	19.5	72.7	32.48	20
21	27.48	135 B	28.1	85.7	25.5	9.84	4.85	9.81	5.74	22.3	81.9	30.38	21
22	28.48	126 B	27.5	81.5	24.4	9.45	7.41	9.58	5.74	23.8	105	28.28	22
23	30.68	117 B	26.3	76.5	23.0	8.98	13.4	9.89	5.77	28.4	102	26.1	23
24	28.28	106 B	25.7	73.8	21.8	8.77	15.1	8.42	5.81	40.1	99.2	28.4	24
25	26.38	102 B	25.7	77.0	21.4	8.48	26.5	7.85	5.83	42.2	97.2	27.9	25
26	25.08	85.58	26.1	80.7	21.8	8.54	27.5	7.88	5.48	44.1	93.5	28.5	26
27	82.08	81.08	28.6	78.1	21.3	8.28	22.8	7.71	5.35	44.4	89.1	27.4	27
28	88.38	88.48	28.8	74.1	20.1	8.87	22.0	7.83	5.24	43.4	85.8	27.5	28
29	83.08	82.08	43.5	78.2	19.2	8.68	22.2	7.34	5.38	48.3	112	37.4	29
30	81.48		46.1	84.8	18.3	8.38	22.0	7.28	5.38	47.7	118	37.2	30
31	88.08		47.3		17.4		22.3	7.14		47.0		37.8	31
TOTAL	1 058.2	2 835.7	1 380.7	2 380.8	1 280.8	350.47	383.81	512.28	178.87	813.00	2 773.4	1 848.0	TOTAL
MEAN	34.1	80.8	43.8	78.4	41.8	11.7	11.7	16.5	5.85	19.8	92.4	88.5	MEAN
MAX	88.3	167	77.0	87.5	82.0	17.2	38.5	31.0	7.32	47.7	118	128	MAX
MIN	24.2	88.8	28.7	80.8	17.4	8.48	4.85	7.14	5.24	4.88	48.8	28.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.0
MAXIMUM DAILY, 167 ON FEB 17
MINIMUM DAILY, 4.85 ON JUL 31
MAXIMUM INSTANTANEOUS,
173 AT 01:88 AST ON FEB 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 10 24 N
LONG 84 39 38 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	81 400	JUL	31 400
FEB	228 000	AUG	44 300
MAR	118 000	SEP	15 400
APR	208 000	OCT	83 000
MAY	111 000	NOV	240 000
JUN	30 300	DEC	159 000

TOTAL DISCHARGE, 1 330 000 dam³

MERSEY RIVER BELOW GEORGE LAKE - STATION NO. 01ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.4	31.3	50.6	30.0	38.1	12.0	5.18	19.5	5.85	3.70	14.4	82.3	1
2	17.4	32.6	47.2	32.2	38.3	11.4	5.30	21.0	5.70	3.89	16.2	85.8	2
3	16.7	26.6	43.6	33.7	38.2	11.1	5.28	21.8	5.47	3.78	20.8	88.3	3
4	16.3	27.8	41.3	34.6	38.7	10.8	5.15	22.4	5.27	3.73	25.0	85.8	4
5	16.1	31.3	38.4	36.8	37.6	10.8	5.08	23.2	5.42	4.43	28.2	83.1	5
6	15.8	32.7	36.4	38.4	36.0	9.20	4.87	21.2	5.72	4.80	31.1	89.1	6
7	14.8	33.2	33.6	41.4	35.2	8.88	4.58	20.2	5.38	4.80	33.7	85.1	7
8	14.3	33.4	31.8	42.8	33.4	8.42	4.48	19.7	5.02	4.70	35.8	81.8	8
9	14.0	33.4	30.3	44.3	31.8	8.07	4.33	18.8	4.88	4.88	38.7	48.1	9
10	13.8	33.1	28.0	46.4	30.0	7.87	4.12	17.7	4.80	4.82	38.7	46.5	10
11	13.4	31.8	26.8	44.6	28.3	7.63	3.87	16.4	4.82	5.08	38.8	40.8	11
12	13.1	31.0	25.2	43.6	27.2	7.63	3.82	15.2	4.88	5.48	38.5	37.4	12
13	12.4	32.6	23.7	42.0	26.6	7.37	3.88	14.3	4.18	5.67	34.8	34.1	13
14	12.2	33.4	22.3	39.5	25.8	7.08	3.32	13.8	4.43	5.88	32.2	31.8	14
15	11.7	33.8	21.2	37.8	22.4	6.91	3.00	12.8	4.55	5.08	28.8	29.3	15
16	11.2	37.1	20.0	36.5	20.7	6.84	2.85	12.4	4.41	5.83	26.6	28.7	16
17	10.7	39.8	18.8	36.7	19.7	6.48	2.78	11.5	4.24	6.14	33.8	24.8	17
18	10.5	44.0	17.8	35.8	18.8	6.49	2.78	10.5	4.10	6.03	34.8	23.6	18
19	10.7	47.3	17.1	35.5	17.6	6.28	2.71	10.0	4.35	5.38	34.5	22.4	19
20	10.8	51.1	16.2	36.4	16.7	6.05	2.67	9.38	4.38	7.00	33.8	21.0	20
21	11.5	55.3	15.1	38.0	15.8	5.80	2.71	8.75	4.34	7.13	37.8	19.8	21
22	12.0	58.0	15.8	34.8	15.2	5.61	3.09	8.48	4.81	7.17	41.7	19.3	22
23	13.4	58.5	15.0	36.4	14.2	5.34	3.14	7.70	4.54	8.38	43.2	18.4	23
24	13.8	61.2	14.5	32.8	13.7	5.28	3.45	7.22	4.48	9.07	48.8	17.5	24
25	13.0	62.0	14.1	34.7	13.4	4.88	4.80	8.49	4.49	10.2	48.1	17.0	25
26	14.8	61.7	13.7	34.8	13.2	4.80	5.44	8.58	4.34	11.2	48.2	17.0	26
27	16.8	59.8	14.4	34.2	13.1	5.08	6.08	8.74	4.28	11.8	43.7	16.8	27
28	18.1	57.2	17.1	34.1	12.7	5.18	8.52	8.48	4.19	12.3	43.8	16.3	28
29	19.8	54.0	20.4	36.5	12.3	5.08	11.5	8.36	4.18	13.3	51.1	16.8	29
30	18.9		24.2	37.4	11.7	5.21	14.1	8.24	3.84	13.8	58.7	16.2	30
31	20.8		27.1		11.8		17.1	8.24		14.4		16.8	31
TOTAL	446.8	1 208.1	783.0	1 118.3	726.1	218.28	180.08	407.85	141.03	221.28	1 083.7	1 088.4	TOTAL
MEAN	14.4	41.8	25.3	37.3	23.4	7.31	5.18	13.2	4.70	7.14	36.1	34.8	MEAN
MAX	20.8	62.0	50.6	46.4	38.2	12.0	17.1	22.4	5.85	14.4	58.7	88.3	MAX
MIN	10.8	21.3	13.7	30.0	11.8	4.80	2.67	8.24	3.84	3.89	14.4	16.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.7
MAXIMUM DAILY, 88.3 ON DEC 3
MINIMUM DAILY, 2.67 ON JUL 20
MAXIMUM INSTANTANEOUS,
88.8 AT 18:18 AST ON DEC 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 00 N
LONG 88 12 18 W
DRAINAGE AREA, 723 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 800	JUL	13 800
FEB	104 000	AUG	38 200
MAR	87 700	SEP	12 200
APR	88 800	OCT	19 100
MAY	82 700	NOV	93 800
JUN	18 800	DEC	82 400

TOTAL DISCHARGE, 888 000 dam³

MERSEY RIVER BELOW MILL FALLS - STATION NO. 01ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.688	11.38	15.5	21.0	18.2	3.08	1.88	17.3	2.08	2.00	8.70	24.2	1
2	8.108	10.58	13.8	20.8	16.1	3.03	1.84	16.5	1.90	1.94	8.71	28.8	2
3	8.648	11.78	12.0	19.8	14.8	2.87	1.82	14.9	1.84	1.86	18.8	32.0	3
4	8.378	12.68	10.9	18.4	14.8	2.84	1.83	13.0	1.74	1.87	14.7	27.8	4
5	8.048	13.08	10.2	21.1	14.0	2.68	1.88	11.8	1.97	2.08	18.2	24.1	5
6	4.808	14.08	8.20	21.8	12.7	2.88	1.80	10.0	2.06	3.18	17.1	20.8	6
7	4.578	16.48	8.07	22.8	12.0	2.82	1.42	8.73	1.90	2.84	16.7	17.7	7
8	4.288	15.38	7.88	23.8	10.8	2.77	1.42	7.88	1.83	2.87	16.3	16.4	8
9	4.088	14.08	8.80	23.4	8.88	2.78	1.40	7.18	1.77	2.88	17.1	13.5	9
10	3.858	14.08	8.62	22.3	8.08	2.80	1.33	6.83	1.84	2.88	16.8	12.0	10
11	3.888	14.18	8.62	20.8	8.44	2.84	1.35	8.88	1.88	2.80	14.8	10.2 B	11
12	3.628	13.78	8.38	18.8	7.88	2.88	1.35	8.08	1.48	3.38	14.4	8.008	12
13	3.348	14.08	8.48	18.4	7.38	2.88	1.18	4.83	1.48	3.33	13.0	7.788	13
14	3.238	14.78	4.88	14.3	8.84	2.43	1.11	4.25	1.76	3.18	13.4	8.708	14
15	3.048	14.48	4.89	13.1	8.27	2.33	1.11	4.13	1.82	3.22	13.3	8.158	15
16	2.988	18.38	4.83	12.8	8.44	2.21	1.02	3.88	1.81	3.08	12.2	8.708	16
17	2.878	17.08	4.88	13.3	8.07	2.18	0.988	3.70	1.88	3.02	11.7	8.408	17
18	2.628	18.38	4.38	12.7	8.02	2.24	1.00	3.32	1.81	3.01	13.3	8.008	18
19	2.488	20.88	4.18	11.8	4.71	2.17	1.01	3.04	2.12	3.08	13.1	4.878	19
20	2.988	24.1	4.12	12.8	4.48	2.07	0.988	2.80	2.38	3.88	11.8	4.738	20
21	3.308	28.8	4.03	13.3	4.18	1.93	0.835	2.81	2.33	3.88	17.7	4.588	21
22	3.048	28.1	4.08	12.2	4.08	1.78	1.28	2.80	2.22	3.88	18.8	4.488	22
23	4.878	27.3	4.07	11.8	3.88	1.40	1.74	2.34	2.12	4.88	18.2	4.388	23
24	8.408	27.8	3.88	11.3	3.81	1.78	2.38	2.18	2.18	4.84	18.3	4.348	24
25	8.358	28.8	3.80	12.8	3.88	1.88	4.82	2.08	2.11	4.84	18.1	4.82	25
26	7.408	24.7	4.18	13.8	3.88	1.83	8.18	2.28	2.03	5.20	18.8	4.83	26
27	8.808	22.8	8.01	13.2	4.08	1.71	8.40	2.88	2.18	8.21	18.8	4.888	27
28	10.8 B	20.0	10.2	13.0	3.88	1.83	10.8	2.48	2.12	8.38	17.3	4.72	28
29	14.2 B	17.8	11.8	14.8	3.48	1.88	14.4	2.30	2.18	8.78	28.8	8.88	29
30	12.8 B		15.2	18.4	3.24	1.82	18.2	2.28	2.13	8.21	30.0	7.378	30
31	12.0 B		18.4		3.08		18.3	2.28		8.13		8.158	31
TOTAL	171.38	530.8	237.02	494.7	232.21	70.44	104.080	178.72	67.80	112.87	485.01	387.70	TOTAL
MEAN	5.53	18.3	7.65	16.5	7.49	2.35	3.35	5.80	1.83	3.63	15.3	11.5	MEAN
MAX	14.2	28.1	18.4	23.8	18.2	3.08	18.3	17.3	2.38	8.21	30.0	38.8	MAX
MIN	2.82	10.5	3.88	11.3	3.08	1.83	0.935	2.08	1.48	1.88	8.70	4.34	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.28
MAXIMUM DAILY, 38.8 ON DEC 2
MINIMUM DAILY, 0.835 ON JUL 21
MAXIMUM INSTANTANEOUS,
38.8 AT 03:37 AST ON DEC 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 14 N
LONG 65 13 24 W
DRAINAGE AREA, 285 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 800	JUL	8 880
FEB	45 800	AUG	15 500
MAR	20 500	SEP	5 000
APR	42 700	OCT	9 720
MAY	20 100	NOV	41 800
JUN	6 080	DEC	30 800

TOTAL DISCHARGE, 282 000 dam³

METEGHAN RIVER NEAR METEGHAN RIVER - STATION NO. 01BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.278	8.78	7.38	2.88	5.20	1.22	1.38	10.1	0.958	0.884	2.63	17.0	1
2	3.178	8.30	6.40	3.85	5.08	1.08	1.31	8.88	0.818	0.871	4.23	15.6	2
3	3.038	10.6	5.78	2.78	4.77	1.05	1.28	8.00	0.888	0.843	5.08	14.3	3
4	2.948	11.7	5.34	2.85	4.81	1.05	1.23	7.62	0.840	0.835	5.40	13.0	4
5	2.868	13.6	5.16	3.88	4.81	1.08	1.14	6.74	1.07	1.07	5.80	11.3	5
6	2.778	13.4	4.81	4.87	4.14	1.17	1.04	5.72	1.10	1.05	5.58	8.87	6
7	2.898	12.6	4.34	4.87	3.84	1.33	0.881	5.38	1.03	1.00	7.14	8.86	7
8	2.618	11.2	4.06	4.03	3.63	1.37	0.817	5.23	1.06	1.02	7.42	7.72	8
9	2.538	9.158	3.78	5.02	3.26	1.27	0.888	4.81	0.881	1.07	8.70	8.88	9
10	2.478	7.808	3.80	4.89	3.12	1.14	0.738	4.38	0.828	1.08	8.78	8.80	10
11	2.388	8.188	3.338	4.81	3.03	1.16	0.717	4.09	0.838	1.12	8.88	5.18	11
12	2.318	4.738	3.128	4.38	2.86	1.17	0.788	3.81	0.881	1.23	8.57	4.74	12
13	2.238	5.888	2.82	3.80	2.72	1.08	0.800	3.12	0.827	1.22	8.38	4.38	13
14	2.188	7.028	2.82	3.63	2.87	1.02	0.728	2.77	0.818	1.18	8.88	4.08	14
15	2.148	8.038	2.87	3.10	2.41	1.04	0.708	2.62	0.932	1.12	8.48	3.77	15
16	2.088	11.8	2.44	3.78	2.19	0.812	0.883	2.47	0.801	1.20	8.38	3.448	16
17	2.048	16.3	2.32	4.26	2.11	0.828	0.851	2.21	0.848	1.17	8.11	3.088	17
18	2.018	18.8	2.20	4.28	1.80	0.888	0.818	2.13	0.844	1.17	8.48	2.88	18
19	2.488	14.7	2.18	4.81	1.78	0.845	0.840	1.85	1.11	1.28	8.28	2.87	19
20	3.04	14.8	2.08	4.81	1.74	1.01	0.805	1.58	1.12	1.48	8.23	2.74	20
21	3.75	18.2	2.03	5.08	1.74	1.05	0.595	1.84	1.20	1.47	7.87	2.84	21
22	4.21	15.8	1.898	5.22	1.84	0.852	0.888	1.44	1.23	1.88	8.22	2.67	22
23	4.41	14.3	1.738	5.05	1.84	0.841	0.747	1.35	1.22	1.81	8.88	2.788	23
24	4.48	14.4	1.678	4.80	1.43	0.878	1.13	1.22	1.14	1.84	8.48	2.77	24
25	4.47	13.8	1.678	5.88	1.48	0.851	1.88	1.13	1.09	2.07	8.88	3.41	25
26	8.41	12.1	1.48	5.81	1.44	1.03	2.32	1.18	1.08	2.11	8.08	3.85	26
27	8.03	10.7	3.08	5.84	1.80	1.11	2.43	1.18	1.04	2.12	7.32	3.88	27
28	8.24	9.43	2.81	5.40	1.42	1.18	8.81	0.883	1.03	2.06	8.82	3.85	28
29	8.18	8.41	2.78	5.81	1.33	1.28	8.58	1.02	0.883	2.43	14.7	8.38	29
30	7.87		2.82	6.48	1.27	1.28	8.83	0.857	0.808	2.47	17.0	8.88	30
31	7.11		2.84		1.21		10.1	0.857		2.61		8.18	31
TOTAL	118.18	321.61	98.87	134.88	81.84	32.873	81.850	107.818	30.214	44.883	210.88	180.88	TOTAL
MEAN	3.81	11.1	3.22	4.48	2.63	1.08	2.00	3.47	1.01	1.45	7.02	5.15	MEAN
MAX	8.24	18.2	7.38	6.81	5.20	1.37	10.1	10.1	1.23	2.81	17.0	17.0	MAX
MIN	2.01	4.73	1.48	2.88	1.21	0.828	0.595	0.857	0.840	0.835	2.83	2.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.82
MAXIMUM DAILY, 17.0 ON NOV 30
MINIMUM DAILY, 0.595 ON JUL 21
MAXIMUM INSTANTANEOUS,
18.8 AT 14:18 AST ON NOV 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 58 N
LONG 65 07 02 W
DRAINAGE AREA, 187 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	5 340
FEB	27 400	AUG	6 300
MAR	6 830	SEP	2 610
APR	11 600	OCT	3 660
MAY	7 060	NOV	18 200
JUN	2 610	DEC	16 600

TOTAL DISCHARGE, 124 000 dam³

NOVA SCOTIA

MIDDLE RIVER OF PICTOU AT ROCKLIN - STATION NO. 01EF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01 B	1.63B	2.80	8.63	7.67	1.70	5.58	1.48	0.975	0.188	2.25	8.13	1
2	0.980B	3.60B	3.28	7.27	6.38	1.63	3.28	1.16	0.840	0.182	8.41	4.72	2
3	0.820B	3.20B	2.58	7.48	13.3	1.38	1.81	0.817	0.369	0.202	8.81	3.74	3
4	0.870B	2.70B	2.41	8.38	21.8	0.885	1.15	0.683	0.274	0.159	4.89	3.10	4
5	0.850B	2.38B	2.07	14.8	8.67	1.38	0.838	0.693	0.328	10.3	3.48	2.32	5
6	0.830B	2.00B	1.82B	8.08	7.81	1.85	0.888	0.880	0.320	5.88	3.08	1.87	6
7	0.805B	1.80B	1.62B	7.58	8.28	1.08	0.667	0.817	0.212	2.82	8.27	2.04 B	7
8	0.788B	1.60B	1.46B	8.66	8.08	0.851	0.398	0.384	0.162	2.88	8.36	1.83	8
9	0.788B	1.60B	1.38B	15.8	4.20	0.717	0.322	0.340	0.128	8.84	3.87	1.33	9
10	0.748B	1.33B	1.33B	24.8	3.88	0.658	0.303	0.383	0.127	8.31	3.18	1.34 B	10
11	0.728B	1.20B	3.30B	18.4	3.14	0.843	0.382	0.188	0.135	4.45	4.38	0.888	11
12	0.710B	1.10B	2.88B	8.85	2.90	0.687	0.288	0.188	0.122	3.88	3.42	1.01 B	12
13	0.830B	1.05B	2.48B	8.09	2.80	0.628	0.271	0.128	0.116	2.70	2.84	0.928B	13
14	1.00 B	2.63B	1.88	8.58	2.42	0.480	0.211	0.115	1.84	2.05	8.74	0.840B	14
15	0.840B	1.65B	1.84	4.89	2.17	0.818	0.408	0.808	0.889	1.78	8.24	0.745B	15
16	0.780B	3.20B	1.48	8.02	1.73	0.612	0.382	0.847	1.25	1.80	3.88	0.680B	16
17	0.710B	18.3	1.40	8.87	1.70	0.340	0.280	0.810	0.788	1.26	3.43	0.800B	17
18	0.880B	10.1	1.38B	8.82	1.71	0.521	0.383	0.437	0.626	1.10	10.2	2.11	18
19	0.850B	6.06	1.28	11.0	1.47	0.481	0.293	0.278	0.838	1.73	8.22	0.880B	19
20	1.84 B	5.40B	1.22	18.3	1.37	0.348	0.272	0.172	0.854	24.7	3.80	0.818B	20
21	2.41 B	11.8 B	1.17	11.8	1.25	0.278	0.238	0.238	0.621	8.78	14.4	0.880B	21
22	3.02 B	8.83	1.13B	8.81	1.06	0.242	2.21	1.85	0.482	5.28	8.82	0.880B	22
23	1.70 B	8.20	1.08B	7.88	0.992	0.258	1.46	0.588	0.384	22.8	5.78	0.810B	23
24	1.40 B	10.7	1.00	7.26	0.834	0.268	1.35	0.348	0.271	10.0	4.68	0.820B	24
25	1.08 B	7.42	1.30	7.28	1.38	0.210	31.0	0.255	0.201	8.48	3.78	0.870B	25
26	2.40 B	5.80	3.08	7.88	1.30	0.381	8.82	0.218	0.188	8.42	3.03	0.800B	26
27	8.70 B	4.62	17.8	8.13	1.08	0.824	5.43	0.488	0.162	5.13	2.87	0.840B	27
28	5.10 B	3.90	26.8	8.85	0.787	1.01	3.61	0.331	0.133	4.14	8.33	0.880B	28
29	4.00 B	2.77	11.6	8.82	0.882	0.888	2.93	0.218	0.229	4.48	18.7	0.870B	29
30	2.90 B		7.37	8.80	0.838	1.03	2.78	2.31	0.201	3.82	8.88	0.885B	30
31	2.20 B		8.88		0.717		1.78	2.15		2.84		0.800B	31
TOTAL	49.085	132.85	116.80	284.24	117.380	32.832	80.987	18.807	13.003	184.821	173.19	43.438	TOTAL
MEAN	1.58	4.58	3.83	8.47	3.78	0.781	2.81	0.832	0.433	5.31	5.77	1.40	MEAN
MAX	8.70	18.3	26.8	24.8	31.8	1.70	31.0	2.31	1.84	24.7	18.7	8.13	MAX
MIN	0.680	1.10	1.00	4.88	0.838	0.210	0.211	0.115	0.115	0.182	2.28	0.680	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.33
MAXIMUM DAILY, 31.0 ON JUL 25
MINIMUM DAILY, 0.115 ON AUG 14
MAXIMUM INSTANTANEOUS,
40.0E AT 05:58 AST ON OCT 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 50 N
LONG 62 48 51 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 230	JUL	6 990
FEB	11 600	AUG	1 620
MAR	10 300	SEP	1 120
APR	24 600	OCT	14 200
MAY	10 100	NOV	15 000
JUN	1 950	DEC	3 750

TOTAL DISCHARGE, 105 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 37.8 IS DUE TO CURVE EXTENSION

MOOSE PIT BROOK AT TUPPER LAKE - STATION NO. 01EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.205	0.885	0.803	1.05	0.828	0.078	0.104E	0.494	0.044E	0.085	0.487	1.81	1
2	0.201	0.785	0.428	0.988	0.780	0.077	0.088E	0.374	0.037E	0.087	1.88	1.38	2
3	0.191	0.820B	0.388	0.817	0.631	0.087	0.078E	0.278	0.032E	0.047	3.20	1.08	3
4	0.181	0.818B	0.388	0.888	0.650	0.084	0.085E	0.214	0.028E	0.048	2.48	0.878	4
5	0.180	0.780B	0.322	1.21	0.805	0.088	0.085E	0.187	0.040E	0.272	1.88	0.722	5
6	0.178	0.728B	0.283	1.38	0.838	0.088	0.048A	0.130	0.088E	0.488	1.27	0.878	6
7	0.174	0.858	0.288	1.38	0.438	0.078	0.038	0.113	0.087E	0.394	1.32	0.807	7
8	0.188	0.678	0.263	1.38	0.374	0.082	0.030	0.118	0.088E	0.331	1.18	0.678	8
9	0.188	0.488	0.287	1.18	0.314	0.080	0.024	0.114	0.088E	0.288	1.01	0.414	9
10	0.188	0.428	0.272	0.993	0.271	0.084	0.018	0.095	0.088E	0.270	0.847	0.380	10
11	0.1878	0.388	0.330	0.870	0.244	0.088	0.018	0.080	0.081E	0.288	0.838	0.398	11
12	0.1838	0.318	0.301	0.712	0.238	0.074	0.017	0.084	0.048E	0.372	0.777	0.248	12
13	0.1808	0.4888	0.281	0.582	0.226	0.080	0.017	0.053	0.032E	0.322	0.687	0.218	13
14	0.1878	0.8808	0.242	0.480	0.203	0.048	0.010	0.048	0.084E	0.280	0.878	0.1888	14
15	0.1828	0.8008	0.214	0.418	0.188	0.038	0.018	0.088	0.109E	0.248	0.888	0.1908	15
16	0.1488	1.17 B	0.204	0.838	0.188	0.033	0.018	0.078	0.088E	0.210	0.808	0.1888	16
17	0.1478	1.78 B	0.188	0.823	0.188	0.028	0.018	0.073	0.087E	0.182	0.788	0.178	17
18	0.1438	1.62 B	0.188	0.844	0.184	0.048	0.022	0.084	0.077E	0.183	1.13	0.188	18
19	0.1708	1.67 B	0.200	0.837	0.148	0.048	0.017	0.058	0.118E	0.178	1.10	0.188	19
20	0.2058	1.58 B	0.204	0.884	0.130	0.028	0.018	0.044	0.183E	0.812	0.958	0.187	20
21	0.2508	2.01 B	0.182	0.837	0.127	0.032	0.014	0.032	0.234A	0.721	1.84	0.1878	21
22	0.2888	1.81	0.178	0.888	0.118	0.020	0.114	0.037	0.241A	0.843	2.24	0.1838	22
23	0.3708	1.63	0.171	0.788	0.118	0.023	0.232	0.031	0.200	0.888	1.88	0.1518	23
24	0.3878	1.74	0.178	0.841	0.113	0.021	0.327	0.034	0.187	0.800	1.23	0.1508	24
25	0.4178	1.58	0.225	0.784	0.118	0.018	1.02	0.028	0.144	0.887	0.821	0.288	25
26	0.5088	1.21	0.257	0.870	0.143	0.042A	1.07	0.083	0.118	1.01	0.723	0.318	26
27	0.6308	1.07	0.882	0.788	0.144	0.078E	0.847	0.068	0.101	0.847	0.617	0.271	27
28	0.7898	0.778	1.20 B	0.688	0.117	0.081E	1.01	0.078	0.093	0.883	0.883	0.311	28
29	0.7788	0.628	1.36 B	0.788	0.098	0.083E	1.08	0.070A	0.084	0.887	3.89	0.891	29
30	0.8488		1.32 B	1.01	0.074	0.083E	0.889	L.049E	0.073	0.818	3.04	0.872	30
31	0.8148		1.18		0.070		0.881	0.068E		0.881		0.484	31
TOTAL	8.085	30.153	12.859	26.881	8.878	1.707	7.988	3.278	2.777	13.892	40.818	13.788	TOTAL
MEAN	0.283	1.04	0.415	0.885	0.277	0.057	0.258	0.108	0.093	0.438	1.38	0.445	MEAN
MAX	0.778	2.01	1.38	1.38	0.828	0.088	1.08	0.494	0.241	1.01	3.89	1.81	MAX
MIN	0.143	0.318	0.171	0.418	0.070	0.018	0.010	0.028	0.028	0.047	0.487	0.150	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 3.89 ON NOV 29
MINIMUM DAILY, 0.010 ON JUL 14
MAXIMUM INSTANTANEOUS,
3.92 AT 16:51 AST ON NOV 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 43 N
LONG 65 02 55 W
DRAINAGE AREA, 17.7 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	785	JUL	890
FEB	2 610	AUG	283
MAR	1 110	SEP	240
APR	2 290	OCT	1 170
MAY	741	NOV	3 640
JUN	147	DEC	1 190

TOTAL DISCHARGE, 14 800 dam³

MUSQUODOBOIT RIVER AT CRAWFORD FALLS - STATION NO. 01EK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.808	38.2	32.7	48.8	48.2	8.78	36.9	41.3	8.31	8.08	33.7	84.4	1
2	7.808	33.0	32.8	42.1	46.1	7.28	58.9	33.3	7.35	5.85	32.8	76.3	2
3	7.308	43.1	36.7	39.7	33.8	8.73	46.1	23.6	8.87	8.38	82.2	63.9	3
4	7.108	50.8	30.3	36.1	43.6	8.30	28.0	18.1	4.88	5.04	74.2	44.8	4
5	8.808	51.2	28.2	51.2	50.3	8.18	17.3	17.0	8.23	13.7	71.8	32.0	5
6	8.708	46.7	30.7	72.8	40.4	8.85	13.3	16.3	7.34	43.7	59.7	22.2	6
7	8.508	39.0	18.4	61.8	28.5	8.42	10.8	13.3	7.85	38.8	54.8	30.1	7
8	8.308	28.3	18.7	78.8	22.8	8.88	8.02	11.3	8.43	22.4	82.8	18.8	8
9	8.108	23.8	17.2	88.8	18.3	8.46	7.88	10.0	8.51	33.8	88.0	16.8	9
10	8.008	18.3	17.0	84.7	16.8	8.18	8.87	8.81	4.82	48.7	44.0	13.1	10
11	8.908	16.08	27.4	82.8	14.8	8.88	8.74	7.88	4.31	40.3	33.7	11.8	11
12	8.408	14.08	36.0	87.8	13.8	8.42	4.82	8.78	4.08	36.8	28.8	8.88	12
13	8.88	18.4	28.8	48.7	12.4	4.78	4.24	8.81	3.78	28.8	28.1	8.02	13
14	8.888	30.8	22.8	38.1	11.3	4.14	3.84	8.73	8.41	22.7	31.0	8.86	14
15	8.808	37.1	18.1	27.3	8.83	3.71	3.38	8.82	8.82	18.8	84.0	8.48	15
16	8.488	44.4	15.8	23.8	8.82	3.20	3.18	12.8	10.8	15.8	82.1	8.83	16
17	8.408	78.8	14.2	28.8	8.83	2.88	3.00	13.8	10.3	14.0	38.0	7.78	17
18	8.388	84.2	13.4	44.1	10.8	2.88	2.80	15.8	8.78	12.8	44.1	8.32	18
19	7.38	88.8	14.3	82.8	10.7	2.88	2.48	13.3	10.0	12.0	84.0	8.47	19
20	13.3	84.8	14.1	73.0	8.81	2.87	2.22	10.4	14.7	80.7	48.4	8.88	20
21	19.8	82.8	12.8	88.8	8.14	2.88	1.98	8.82	14.8	84.7	47.0	7.88	21
22	26.8	84.8	10.8	88.1	8.34	2.38	4.83	8.48	13.1	87.2	88.8	8.12	22
23	27.8	81.8	10.8	83.8	7.88	2.17	18.8	8.47	12.1	104	88.8	7.88	23
24	23.1	77.8	10.8	78.8	8.88	2.02	18.0	7.44	11.1	107	88.0	8.88	24
25	18.4	70.8	11.0	88.7	8.33	1.82	30.2	8.80	8.88	108	41.0	7.87	25
26	34.1	83.8	18.7	87.8	8.82	1.82	87.4	8.00	8.88	108	28.3	10.8	26
27	88.8	48.8	28.8	84.3	8.80	2.31	84.8	8.82	8.18	88.2	24.2	8.88	27
28	80.0 B	33.8	88.2	84.7	8.48	3.82	82.1	11.2	7.38	78.8	24.2	8.38	28
29	88.3	28.2	74.0	44.8	8.08	8.28	44.0	8.43	8.87	82.1	88.3	18.8	29
30	77.1		72.8	48.8	8.08	8.08	88.8	8.12	8.83	82.2	78.8	20.1	30
31	88.7		88.3		8.88		82.3	10.1		43.2		13.8	31
TOTAL	858.12	1 480.8	808.8	1 731.1	528.16	133.74	881.28	381.89	244.38	1 414.08	1 480.8	898.84	TOTAL
MEAN	21.2	51.1	28.1	87.7	17.1	4.48	31.3	12.8	8.15	45.8	48.7	18.3	MEAN
MAX	88.3	88.8	74.0	88.1	80.3	8.08	84.8	41.3	14.7	108	78.8	84.4	MAX
MIN	8.38	14.0	10.8	23.8	8.88	1.82	1.98	8.00	3.78	8.04	24.2	8.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.8
MAXIMUM DAILY, 108 ON OCT 25
MINIMUM DAILY, 1.82 ON JUN 26
MAXIMUM INSTANTANEOUS,
110 AT 23:40 AST ON OCT 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 52 18 N
LONG 63 13 18 W
DRAINAGE AREA, 880 km²

B - ICE CONDITIONS

REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 700	JUL	87 100
FEB	128 000	AUG	33 800
MAR	70 000	SEP	21 100
APR	180 000	OCT	122 000
MAY	45 700	NOV	126 000
JUN	11 800	DEC	81 700

TOTAL DISCHARGE, 874 000 dam³

NORTH LITTLE RIVER BELOW BEAVER DAM LAKE - STATION NO. 01FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2248	0.5388	1.88	2.83	3.28	---	---	---	---	---	---	---	1
2	0.2118	1.15 B	1.82	2.47	2.07	---	---	---	---	---	---	---	2
3	0.1988	2.80 B	1.20 B	2.80	1.80	---	---	---	---	---	---	---	3
4	0.1888	1.32 B	0.8708	2.38	2.88	---	---	---	---	---	---	---	4
5	0.1788	0.7888	0.8008	3.40	2.17	---	---	---	---	---	---	---	5
6	0.1728	0.6308	0.4208	3.37	1.82	---	---	---	---	---	---	---	6
7	0.1688	0.4808	0.2808	2.70	1.11	---	---	---	---	---	---	---	7
8	0.1688	0.4388	0.2188	2.82	0.883	---	---	---	---	---	---	---	8
9	0.1518	0.3908	0.3208	3.14	0.888	---	---	---	---	---	---	---	9
10	0.1488	0.3708	0.5408	4.43	0.802	---	---	---	---	---	---	---	10
11	0.1428	0.3508	1.22 B	4.33	0.881	---	---	---	---	---	---	---	11
12	0.1368	0.3408	1.08 B	3.28	0.821	---	---	---	---	---	---	---	12
13	0.1348	0.7008	0.8808	2.31	0.483	---	---	---	---	---	---	---	13
14	0.1308	1.60 B	0.788	1.88	0.493	---	---	---	---	---	---	---	14
15	0.1268	1.11 B	0.811	1.17	0.513	---	---	---	---	---	---	---	15
16	0.1208	0.8408	0.810	1.02	0.804	---	---	---	---	---	---	---	16
17	0.1188	4.32	0.435	2.00	0.815	---	---	---	---	---	---	---	17
18	0.1138	3.34	0.3608	1.82	1.82	---	---	---	---	---	---	---	18
19	0.1108	2.28	0.333	2.28	1.43	---	---	---	---	---	---	---	19
20	0.2708	2.88	0.317	3.22	---	---	---	---	---	---	---	---	20
21	0.7108	2.87	0.3138	3.78	---	---	---	---	---	---	---	---	21
22	0.5308	3.08	0.3088	3.01	---	---	---	---	---	---	---	---	22
23	0.4208	3.28	0.3088	2.31	---	---	---	---	---	---	---	---	23
24	0.3008	2.30	0.3808	1.83	---	---	---	---	---	---	---	---	24
25	0.8008	1.70	0.490	1.88	---	---	---	---	---	---	---	---	25
26	0.8908	1.20	0.588	2.38	---	---	---	---	---	---	---	---	26
27	2.84 B	0.881	1.04	1.82	---	---	---	---	---	---	---	---	27
28	1.80 B	0.702	3.88	1.48	---	---	---	---	---	---	---	---	28
29	1.12 B	0.737	4.31	1.38	---	---	---	---	---	---	---	---	29
30	0.8008		2.83	4.10	---	---	---	---	---	---	---	---	30
31	0.8308		2.88		---		---	---		---		---	31
TOTAL	13.230	41.300	31.777	78.78	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.426	1.43	1.03	2.88	---	---	---	---	---	---	---	---	MEAN
MAX	2.84	4.32	4.31	4.43	---	---	---	---	---	---	---	---	MAX
MIN	0.110	0.340	0.218	1.02	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 50 N
LONG 61 17 05 W
DRAINAGE AREA, 28.7 km²

B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 140	JUL	---
FEB	3 670	AUG	---
MAR	2 750	SEP	---
APR	8 030	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

NOVA SCOTIA

NORTH RIVER AT NORTH RIVER - STATION NO. 01DH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 B	4.22	4.888	15.2	17.8	4.32	10.3	3.85	5.72	1.85	2.58	8.30	1
2	1.10 B	9.81	4.088	17.4	13.8	4.23	7.52	2.86	3.81	1.17	7.38	5.44	2
3	1.05 B	12.1 B	3.768	16.7	22.8	3.85	3.81	2.40	2.87	0.882	9.81	3.88	3
4	1.00 B	8.008	3.528	23.2	88.8	3.06	3.74	2.44	2.05	1.01	8.52	2.94	4
5	0.8508	8.008	3.118	42.1	38.8	3.07	1.86	2.28	2.81	28.2	4.14	1.70 B	5
6	0.8208	8.008	2.828	22.7	24.3	3.28	1.43	1.88	2.83	14.7	3.30	1.20 B	6
7	0.8008	4.408	3.078	17.7	20.5	3.02	1.28	1.86	1.88	7.30	8.80	1.02 B	7
8	0.8508	3.608	3.068	16.8	14.8	2.47	1.18	1.83	1.55	5.73	5.47	0.8208	8
9	0.8008	3.508	2.728	25.3	11.8	1.88	1.02	1.84	1.28	17.0	3.88	0.8888	9
10	0.7858	3.108	3.08	88.8	10.8	1.86	0.903	1.21	1.30	15.2	2.93	0.7808	10
11	0.7778	2.858	5.548	38.7	10.7	2.08	0.852	1.10	1.88	10.3	4.84	0.7408	11
12	0.7888	2.708	4.708	17.8	11.2	1.83	0.774	0.881	1.35	8.40	3.88	0.8808	12
13	0.7418	3.408	3.828	12.3	8.10	1.38	0.748	0.880	1.11	5.82	2.82	0.8808	13
14	0.7238	5.208	3.088	8.88	7.81	1.22	0.804	1.83	2.80	4.40	8.04	0.8108	14
15	0.7068	4.808	2.788	8.80	8.27	1.77	1.03	1.84	2.21	3.75	7.27	0.8708	15
16	0.8878	13.8 B	2.708	8.92	4.77	1.32	0.804	8.34	2.83	3.22	4.04	0.8808	16
17	0.8888	25.2	2.238	13.8	8.22	1.02	0.888	3.81	1.80	2.88	3.13	0.8108	17
18	0.8508	15.8	2.238	12.3	8.16	3.20	0.828	2.88	1.84	2.37	14.1	0.8808	18
19	2.30 B	10.8	3.288	33.4	3.84	2.82	0.808	2.23	3.78	4.88	8.38	0.4808	19
20	4.82 B	11.2	1.818	38.3	3.41	1.88	0.741	1.84	3.08	248 E	4.02	0.8108	20
21	7.40 B	27.3	1.828	22.4	3.03	1.15	0.888	1.28	2.14	28.1	37.2	0.8008	21
22	8.00 B	18.4	1.888	15.4	2.88	0.882	8.30	2.88	2.11	13.3	28.4	0.8408	22
23	8.80 B	13.8	1.838	14.8	2.21	0.887	3.31	2.38	2.83	41.0	12.1	0.8508	23
24	8.30 B	22.3	1.828	13.7	1.83	1.31	8.84	1.73	1.73	17.8	7.48	0.8408	24
25	4.70 B	18.2	1.808	18.2	4.88	0.846	82.8	1.33	1.47	22.8	8.20	0.8008	25
26	10.4 B	9.588	2.088	15.8	8.20	1.31	18.8	1.18	1.20	14.8	3.88	0.8508	26
27	20.3	7.148	30.4 B	10.8	5.08	3.18	8.42	1.78	0.872	8.48	3.20	0.8108	27
28	10.2 B	8.008	78.8 B	23.4	3.38	3.12	7.80	1.88	0.880	5.72	32.7	1.10 B	28
29	7.34 B	8.48	30.7	23.2	2.88	2.24	8.00	1.13	2.24	8.23	70.8	1.05 B	29
30	5.48 B		18.8	24.8	2.18	2.38	4.88	21.0	2.31	4.01	13.3	0.9008	30
31	4.70 B		13.2		2.81		4.88	13.8		3.17		0.7808	31
TOTAL	112.638	281.18	244.88	643.31	327.03	88.435	184.048	94.821	85.872	851.782	328.82	40.785	TOTAL
MEAN	3.63	8.70	7.90	21.4	10.5	2.21	8.26	3.05	2.20	17.8	10.8	1.32	MEAN
MAX	20.3	27.3	78.8	88.8	88.8	4.32	82.8	21.0	5.72	248	70.8	8.30	MAX
MIN	0.850	2.70	1.88	8.80	1.83	0.846	0.888	0.881	0.880	0.882	2.82	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.05
MAXIMUM DAILY, 248E ON OCT 20
MINIMUM DAILY, 0.480B ON DEC 19
MAXIMUM INSTANTANEOUS,
487E AT 05:31 AST ON OCT 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 25 30 N
LONG 63 15 20 W
DRAINAGE AREA, 202 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 730	JUL	18 800
FEB	24 300	AUG	8 180
MAR	21 200	SEP	8 700
APR	55 600	OCT	47 700
MAY	28 300	NOV	28 100
JUN	8 740	DEC	3 520

TOTAL DISCHARGE, 355 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 104 IS DUE TO CURVE EXTENSION

NORTHEAST MARGAREE RIVER AT MARGAREE VALLEY - STATION NO. 01PB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.888	8.508	14.0 B	37.8	83.8	12.9	17.2	7.81	8.40	14.3	18.4	23.1	1
2	4.808	17.0 B	23.0 B	38.3	48.8	11.1	28.2	7.37	7.40	12.0	21.8	20.8	2
3	4.738	28.8 B	18.0 B	33.8	82.3	10.8	28.8	7.08	8.88	10.8	38.7	17.3	3
4	4.848	13.0 B	18.0 B	37.8	88.3	10.8	24.3	8.83	8.73	11.1	47.0	15.7	4
5	4.888	10.4 B	13.8 B	77.1	58.8	17.2	17.4	8.83	7.88	28.8	33.8	14.8	5
6	4.488	9.408	13.8 B	88.8	84.8	22.8	14.8	8.82	8.18	27.8	28.2	13.8	6
7	4.388	8.808	11.7 B	38.8	78.8	33.7	12.8	10.8	7.24	23.8	30.8	12.8	7
8	4.308	8.208	10.8 B	32.8	87.1	30.2	11.3	7.87	8.84	17.8	29.8	13.8 B	8
9	4.208	7.788	9.708	38.3	82.8	19.8	10.8	8.88	8.88	20.8	24.7	11.8 B	9
10	4.188	7.208	8.108	188 E	82.1	18.2	10.8	8.83	8.40	32.8	27.3	11.8 B	10
11	4.088	8.808	17.8 B	188 E	88.8	14.8	10.8	8.23	8.88	28.8	28.8	10.8 B	11
12	4.028	8.808	14.8 B	81.8	88.7	12.8	8.85	8.81	13.8	28.1	37.8	8.808	12
13	3.888	8.408	12.8 B	42.8	82.2	11.3	8.85	8.88	13.7	20.8	32.8	8.508	13
14	3.848	8.208	11.7 B	38.8	43.8	10.8	8.85	18.8	31.7	18.8	38.8	8.108	14
15	3.888	8.008	10.8 B	33.1	38.1	8.88	8.48	8.28	19.3	21.2	42.1	8.008	15
16	3.888	15.0 B	10.0 B	30.0	31.3	8.24	8.81	11.3	18.3	20.0	31.1	8.408	16
17	3.818	83.0 B	8.488	32.2	34.0	8.88	7.77	10.2	12.4	17.8	28.8	8.008	17
18	3.788	23.0 B	8.888	38.0	38.1	8.81	7.43	8.83	10.7	18.8	81.4	7.708	18
19	3.788	17.4 B	8.808	36.8	28.2	8.83	7.28	8.08	12.1	16.1	34.0	7.508	19
20	3.728	18.3 B	8.228	38.8	24.1	7.81	14.2	7.38	13.8	28.7	28.1	7.388	20
21	3.888	28.0 B	7.988	41.0	21.1	7.82	8.82	7.12	11.2	32.0	27.8	7.158	21
22	3.888	21.0 B	7.888	31.8	18.0	7.83	8.46	15.8	11.0	22.8	28.4	8.858	22
23	3.828	18.8 B	7.388	28.2	17.8	13.1	8.23	10.3	12.2	31.2	23.1	8.758	23
24	3.888	27.8 B	7.178	23.8	18.2	15.2	8.28	8.30	11.8	30.2	20.8	8.608	24
25	3.858	19.0 B	7.008	24.0	14.8	8.78	20.2	7.48	10.2	24.0	18.8	8.438	25
26	3.828	18.7 B	6.828	20.7	16.8	10.8	13.0	7.12	8.44	22.1	17.7	8.238	26
27	10.8 B	16.0 B	25.7	22.3	21.2	13.2	10.4	7.03	8.14	18.8	18.1	8.078	27
28	8.208	13.8 B	120	28.8	14.8	18.1	8.44	8.78	8.40	17.8	32.8	8.948	28
29	7.058	13.0 B	88.2	46.8	13.2	28.8	8.82	8.83	17.1	18.0	238 E	8.838	29
30	8.208		38.0	100	11.4	18.4	8.38	10.3	18.4	18.0	34.8	8.728	30
31	8.808		43.8		11.4		8.08	12.3		17.0		8.888	31
TOTAL	143.28	440.08	588.20	1 484.8	1 232.8	428.33	380.44	284.04	343.88	684.7	1 078.7	308.22	TOTAL
MEAN	4.62	15.3	19.0	48.8	39.8	14.3	12.3	8.62	11.8	21.4	38.0	8.84	MEAN
MAX	10.8	83.0	120	188	88.3	33.7	28.2	18.8	31.7	32.8	238	23.1	MAX
MIN	3.62	8.50	8.62	20.7	11.4	7.83	7.28	8.88	8.40	10.8	18.4	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.0
MAXIMUM DAILY, 238E ON NOV 28
MINIMUM DAILY, 3.62B ON JAN 28
MAXIMUM INSTANTANEOUS,
823E AT 08:14 AST ON NOV 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 10 N
LONG 60 58 35 W
DRAINAGE AREA, 388 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 400	JUL	32 800
FEB	38 000	AUG	22 800
MAR	80 800	SEP	28 700
APR	127 000	OCT	87 400
MAY	107 000	NOV	83 300
JUN	38 800	DEC	28 800

TOTAL DISCHARGE, 635 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 188 IS DUE TO CURVE EXTENSION

NORTHWEST BROOK BELOW GRAND LAKE - STATION NO. 01FJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.88	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	0.707	---	---	---	---	3
4	---	---	---	---	---	0.338	---	---	---	---	---	---	4
5	---	---	---	---	3.34	---	---	---	---	---	---	---	5
6	---	---	---	1.80	---	---	---	---	---	---	---	0.512	6
7	---	---	---	---	---	---	---	---	---	---	2.08	---	7
8	---	---	---	---	---	0.311	0.428	---	---	---	---	---	8
9	---	0.707	1.07	---	---	---	---	---	0.277	---	---	---	9
10	---	---	---	---	---	---	---	0.348	---	---	---	---	10
11	---	---	---	---	0.764	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	0.221	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	0.880	1.44	---	---	---	0.178	---	0.830	1.72	---	15
16	---	0.880	---	---	---	---	---	---	---	---	---	0.213	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	0.143	---	---	---	---	---	---	18
19	---	---	---	1.13	---	---	---	---	---	0.483	---	---	19
20	---	---	---	---	0.488	---	0.188	---	---	---	---	0.088	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	2.48	0.428	---	---	0.248	---	---	0.333	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	0.348	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	2.35	1.12	---	26
27	---	---	---	---	---	---	1.08	---	---	---	---	---	27
28	---	---	---	1.83	0.047	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		2.02	---	---	0.880	---	---	0.132	---	1.88	---	31
			---		---	---	---	---	---	1.02	---	---	
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 10 07 N
LONG 60 07 05 W
DRAINAGE AREA, 30.8 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

PEMBROKE RIVER AT GLENDERVIE - STATION NO. 01DG018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9208	2.508	1.85 B	5.28	5.88	0.858	5.51	1.44	1.36	0.837	1.97	5.78	1
2	0.8908	3.808	1.58 B	5.87	4.78	0.888	3.61	1.15	0.877	0.888	2.80	4.12	2
3	0.8808	5.008	1.40 B	5.88	7.34	0.888	2.08	0.871	0.885	0.858	5.18	3.10	3
4	0.8358	6.208	1.28 B	5.89	18.1	0.848	1.31	1.05	0.887	0.802	3.90	2.78	4
5	0.8208	3.288	1.20 B	13.0	7.88	0.878	0.884	0.848	0.712	5.83	2.72	2.28 B	5
6	0.7858	2.388	1.13 B	9.82	5.82	0.820	0.880	0.771	0.830	5.15	2.84	2.10 B	6
7	0.7808	1.888	1.08 B	8.58	4.38	0.878	0.888	0.853	0.835	2.78	7.71	1.83 B	7
8	0.7658	1.658	1.04 B	5.07	3.43	0.838	0.802	0.848	0.457	2.58	4.82	1.58	8
9	0.7488	1.428	1.71 A	7.77	2.77	0.487	0.413	0.881	0.388	3.28	3.30	1.34 B	9
10	0.7308	1.278	1.87	18.5	2.37	0.488	0.381	0.884	0.385	5.03	2.58	1.24 B	10
11	0.7158	1.208	3.24	13.2	1.81	0.880	0.313	0.481	0.384	3.80	3.11	1.14 B	11
12	0.7058	1.308	3.67 B	6.83	1.87	0.400	0.318	0.358	0.418	3.85	2.70	1.08 B	12
13	0.7208	2.808	2.40 B	4.48	1.72	0.328	0.223	0.288	0.384	2.70	1.88	1.04 B	13
14	0.7408	3.008	1.87 B	3.85	1.84	0.288	0.208	0.284	2.17	2.28	8.83	1.01 B	14
15	0.7308	8.808	1.34 B	3.11	1.40	0.288	0.474	0.413	1.88	1.83	4.87	0.9788	15
16	0.7288	8.008	1.41	3.05	1.17	0.228	0.484	0.888	1.47	1.88	3.15	0.8538	16
17	0.7228	11.8 B	1.14 B	4.10	1.18	0.188	0.328	0.582	1.18	1.48	2.72	0.8278	17
18	0.7408	16.8 B	1.04 B	3.78	1.28	0.284	0.288	0.778	0.817	1.35	7.84	0.8938	18
19	0.8008	13.8 B	1.17	8.81	1.03	0.308	0.283	0.838	1.87	1.88	4.34	0.8678	19
20	0.8808	8.208	1.14 B	13.8	0.874	0.278	0.248	0.338	1.88	35.3 E	2.83	1.48	20
21	3.00 B	10.8 B	1.04 B	8.20	0.783	0.228	0.192	0.321	1.35	11.1	11.8	1.28	21
22	1.88 B	10.4 B	0.8538	8.13	0.743	0.203	2.01	0.847	1.40	8.72	8.86	0.8888	22
23	1.48 B	8.008	0.8678	5.58	0.888	0.188	1.48	0.738	1.23	18.8	6.12	0.8538	23
24	1.30 B	6.808	0.811	5.17	0.838	0.172	1.21	0.488	1.02	10.3	3.88	0.728	24
25	7.00 B	5.508	0.8878	5.88	0.886	0.167	33.3 E	0.388	0.892	8.88	2.82	1.02	25
26	10.8 B	3.808	1.44	5.58	0.878	0.228	11.1	0.347	0.788	5.38	2.38	1.08	26
27	10.7 B	2.808	8.40	5.42	0.728	0.428	5.88	1.24	0.708	3.88	1.88	0.7828	27
28	7.20 B	2.208	18.7	5.90	0.844	0.824	3.80	0.878	0.811	3.18	7.48	1.01 B	28
29	4.00 B	1.888	10.2	5.88	0.807	0.438	2.87	0.870	0.888	3.08	22.0	2.40 B	29
30	3.00 B		5.88	8.45	0.402	1.84	2.07	1.83	0.788	2.84	7.83	2.10 B	30
31	2.10 B		4.88		0.877		1.83	2.18		2.21		1.83 B	31
TOTAL	87.787	182.88	87.448	210.47	80.185	14.398	84.848	23.318	28.783	183.883	180.18	80.870	TOTAL
MEAN	2.18	5.27	2.82	7.02	2.59	0.480	2.73	0.752	0.958	5.28	5.01	1.83	MEAN
MAX	10.8	18.8	18.7	18.5	18.1	1.84	33.3	2.18	2.17	38.3	22.0	5.78	MAX
MIN	0.708	1.28	0.887	3.88	0.402	0.172	0.192	0.284	0.384	0.858	1.88	0.728	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.85
MAXIMUM DAILY, 38.38 ON OCT 20
MINIMUM DAILY, 0.172 ON JUN 24
MAXIMUM INSTANTANEOUS,
85.3E AT 10:35 AST ON JUL 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 54 N
LONG 62 58 29 W
DRAINAGE AREA, 73.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 880	JUL	7 310
FEB	13 200	AUG	2 010
MAR	7 550	SEP	2 480
APR	18 200	OCT	14 200
MAY	6 930	NOV	13 000
JUN	1 240	DEC	4 370

TOTAL DISCHARGE, 95 400 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 35.8 IS DUE TO CURVE EXTENSION

NOVA SCOTIA

RIGHTS RIVER NEAR ANTIGONISH - STATION NO. 01DR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7488	0.7808	1.40 B	4.20	5.18	0.788	11.1	2.80	0.842	0.331	1.28	2.99	1
2	0.8728	0.7808	2.10 B	4.78	4.40	0.881	5.10	1.48	0.890	0.289	2.57	3.32	2
3	0.8188	4.88 B	1.31 B	4.84	5.88	0.856	3.38	1.08	1.00	0.266	2.84	1.87	3
4	0.8868	3.80 B	1.12 B	8.21	10.3	0.493	2.01	0.888	0.836	0.273	1.78	1.71	4
5	0.8778	2.43 B	1.02 B	11.8	4.88	1.47	2.18	0.783	0.783	12.8	1.40	1.80 B	5
6	0.4888	1.82 B	0.8508	5.87	4.78	1.82	1.18	0.878	0.812	3.85	1.74	1.38 B	6
7	0.4888	1.86 B	0.8908	5.06	4.36	0.938	0.888	0.884	0.840	2.10	5.87	1.26 B	7
8	0.4388	1.41 B	0.8588	5.22	3.26	0.888	0.744	0.483	0.434	1.87	2.85	1.17 B	8
9	0.4088	1.27 B	0.8258	11.8	2.85	0.853	0.614	0.448	0.363	8.29	1.82	1.10 B	9
10	0.3848	1.14 B	0.7908	24.8	2.33	0.857	0.533	0.382	0.328	2.78	3.04	1.06 B	10
11	0.3888	1.08 B	3.30 B	18.3	2.05	0.885	0.480	0.313	0.338	4.84	2.33	1.01 B	11
12	0.3608	1.01 B	3.00 B	8.82	1.85	0.815	0.388	0.282	0.387	3.31	1.73	0.9808	12
13	0.3358	3.18 B	1.80 B	4.17	1.84	0.446	0.352	0.288	0.308	2.08	1.38	0.9308	13
14	0.3208	2.40 B	1.30 B	3.28	1.84	0.412	0.304	0.241	0.423	1.84	8.21	0.9008	14
15	0.3038	1.81 B	1.05 B	2.78	1.37	0.404	0.454	0.820	0.381	1.70	3.04	0.8708	15
16	0.2928	4.00 B	0.9508	2.88	1.08	0.350	0.373	25.8	0.888	1.34	1.88	0.8488	16
17	0.2768	8.80 B	0.8858	4.88	1.07	0.295	0.353	5.84	0.548	1.14	1.78	0.8208	17
18	0.2678	3.70 B	0.8508	3.83	1.18	0.483	0.348	4.01	0.377	1.01	4.88	0.8008	18
19	0.2588	2.40 B	0.8208	7.78	0.978	0.440	0.323	2.48	1.78	1.18	2.22	0.7808	19
20	0.2508	3.35 B	0.7908	8.28	0.880	0.304	0.381	1.80	1.28	8.00	1.78	0.7608	20
21	0.8208	7.85 B	0.7608	8.84	0.784	0.280	0.280	1.38	0.772	2.78	8.14	0.7508	21
22	1.38 B	5.20 B	0.7408	5.35	0.848	0.286	3.82	3.22	0.831	1.78	3.48	1.10 B	22
23	0.9508	3.72 B	0.7208	4.08	0.883	0.258	1.86	1.48	0.817	10.8	3.13	0.8808	23
24	0.8608	7.88 B	0.7008	4.14	0.807	0.280	1.41	1.08	0.488	4.21	2.31	0.8108	24
25	0.8508	3.80 B	0.8808	4.84	0.870	0.232	42.8 E	0.888	0.385	2.87	1.83	0.7808	25
26	5.82 B	2.80 B	1.70 B	5.88	0.888	0.288	6.85	0.748	0.328	2.24	1.74	1.18 B	26
27	3.00 B	1.70 B	4.80 B	8.13	0.877	0.402	3.40	0.883	0.298	1.87	1.62	0.8308	27
28	1.70 B	1.23 B	33.0 B	8.78	0.417	0.888	2.88	0.877	0.288	1.78	8.10	1.10 B	28
29	1.17 B	1.08 B	7.53	8.15	0.373	0.880	2.41	0.858	0.488	1.74	8.27	1.30 B	29
30	0.8508		4.18	14.4	0.333	0.808	2.08	1.71	0.407	1.48	3.32	0.9108	30
31	0.8408		3.70		0.848		2.53	1.48		1.43		0.7808	31
TOTAL	26.741	87.080	74.328	210.34	88.183	17.032	100.011	85.187	17.428	87.209	88.18	38.488	TOTAL
MEAN	0.830	3.00	2.40	7.01	2.23	0.886	3.33	2.10	0.881	2.81	3.21	1.15	MEAN
MAX	5.82	8.80	33.0	24.8	10.3	1.82	42.8	25.8	1.78	12.8	8.27	2.88	MAX
MIN	0.258	0.780	0.880	2.88	0.333	0.232	0.280	0.241	0.258	0.258	1.28	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.42
MAXIMUM DAILY, 42.8E ON JUL 25
MINIMUM DAILY, 0.232 ON JUN 25
MAXIMUM INSTANTANEOUS,
1878 AT 08:08 AST ON AUG 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 38 44 N
LONG 82 01 15 W
DRAINAGE AREA, 84.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 220	JUL	8 840
FEB	7 520	AUG	6 530
MAR	6 420	SEP	1 510
APR	18 200	OCT	7 530
MAY	8 870	NOV	8 310
JUN	1 470	DEC	3 070

TOTAL DISCHARGE, 78 500 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 30.0 IS DUE TO CURVE EXTENSION

RIVER INHABITANTS AT GLENORA - STATION NO. 01PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.328	4.898	11.1 B	18.2	28.8	5.21	14.8	8.88	2.13	2.86	8.44	12.3	1
2	2.148	14.8 B	21.1 B	20.8	13.4	4.10	38.8	4.88	1.82	2.60	21.2	12.8	2
3	2.028	30.8 B	14.4 B	20.8	17.2	3.20	18.9	3.88	2.00	2.12	83.3	8.77	3
4	1.928	18.8 B	8.788	18.1	28.0	2.83	8.14	3.48	1.83	2.08	30.2	8.18	4
5	1.848	10.8 B	8.848	38.8	18.7	7.33	8.82	3.14	2.38	15.8	13.8	7.488	5
6	1.778	8.388	7.188	31.4	10.8	7.88	4.28	2.88	3.47	20.0	11.8	8.708	6
7	1.688	8.108	8.308	18.2	8.87	8.12	3.83	2.82	2.28	8.88	21.8	8.888	7
8	1.628	4.878	8.858	17.7	7.32	3.88	3.02	2.81	1.88	8.78	14.8	4.888	8
9	1.548	4.628	8.888	18.8	8.21	3.04	2.74	2.28	1.88	14.0	8.28	4.488	9
10	1.488	3.848	8.188	38.0	8.41	3.12	2.48	2.11	1.88	11.7	8.11	4.188	10
11	1.438	3.288	21.7 B	44.1	4.82	3.83	2.47	2.01	1.85	12.2	7.87	3.898	11
12	1.378	2.878	18.7 B	28.4	4.44	2.84	2.24	1.82	1.84	21.7	8.83	3.808	12
13	1.328	4.898	10.7 B	14.8	4.07	2.48	2.11	1.77	1.78	8.73	8.78	3.378	13
14	1.288	13.4 B	8.048	11.3	3.88	2.38	2.02	1.71	4.82	8.84	12.8	3.188	14
15	1.228	8.308	8.888	8.78	4.04	2.31	3.25	2.31	3.58	8.58	14.3	3.048	15
16	1.188	11.7 B	8.008	8.48	3.31	2.18	3.77	81.8	2.57	8.88	7.77	2.908	16
17	1.188	60.0 B	4.008	21.0	8.77	1.91	3.81	34.7	2.10	4.78	8.18	2.778	17
18	1.128	41.8 B	3.808	14.8	10.2	2.47	3.48	11.8	1.88	4.15	17.4	2.888	18
19	1.088	21.8 B	3.078	18.2	8.57	2.45	2.82	8.87	8.82	4.20	11.8	2.588	19
20	8.788	13.4 B	2.888	28.3	4.78	1.84	2.82	8.11	12.7	12.0	8.48	2.458	20
21	8.128	28.8 B	2.848	30.8	4.21	1.71	2.30	4.18	8.88	15.1	18.1	2.408	21
22	8.488	28.2 B	2.488	18.8	3.81	1.70	8.48	3.88	7.03	7.48	28.8	3.908	22
23	4.938	17.8 B	2.308	14.8	3.11	1.88	11.8	3.34	8.11	38.7	13.2	3.808	23
24	3.328	28.8 B	2.218	13.0	2.77	1.88	8.01	2.93	3.88	42.3	8.85	2.708	24
25	2.488	22.8 B	2.098	12.8	2.53	1.87	78.4	2.81	3.08	13.8	7.28	2.308	25
26	8.878	13.8 B	4.008	13.4	3.80	1.88	82.8	2.81	2.53	10.3	8.71	4.008	26
27	30.0 B	8.888	12.1	11.2	8.81	3.13	15.8	2.82	2.38	7.88	8.48	2.808	27
28	19.2 B	7.888	82.8	11.0	3.80	8.78	8.88	2.84	2.20	7.14	15.8	2.488	28
29	8.378	8.788	42.8	12.8	2.81	12.8	7.84	2.89	3.20	8.78	38.0	4.808	29
30	5.488		17.7	87.2	2.40	8.88	8.18	2.42	3.84	8.47	20.1	3.388	30
31	8.188		20.7		2.88		8.00A	2.78		8.03		2.808	31
TOTAL	138.32	438.13	328.88	632.18	231.31	111.10	338.28	188.80	103.08	332.81	442.84	140.77	TOTAL
MEAN	4.37	15.1	11.0	21.1	7.48	3.70	10.8	6.34	3.43	10.7	14.8	4.84	MEAN
MAX	30.0	60.0	82.8	87.2	28.8	12.8	78.4	81.8	12.7	42.3	83.3	12.8	MAX
MIN	1.08	2.87	2.08	8.48	2.40	1.87	2.02	1.71	1.88	2.08	8.44	2.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.40
MAXIMUM DAILY, 78.4 ON JUL 25
MINIMUM DAILY, 1.088 ON JAN 18
MAXIMUM INSTANTANEOUS,
110 AT 17:32 AST ON JUL 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 15 N
LONG 81 17 10 W
DRAINAGE AREA, 193 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 700	JUL	29 100
FEB	37 800	AUG	17 000
MAR	28 300	SEP	8 800
APR	54 800	OCT	28 600
MAY	20 000	NOV	38 200
JUN	8 800	DEC	13 200

TOTAL DISCHARGE, 287 000 dam³

RIVER JOHN AT WELSFORD - STATION NO. 01EE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.098	7.408	5.258	14.8	18.0	1.84	8.82	2.08	3.38	0.718	5.80E	11.5	1
2	2.038	11.6 B	6.858	18.8	14.1	1.84	5.85	1.80	2.24	0.810	11.4 E	8.70	2
3	1.858	9.608	6.008	18.6	23.3	1.58	3.13	1.44	1.73	0.878	13.6 E	7.02	3
4	1.858	8.208	8.208	28.4	58.0	1.58	2.38	1.42	1.47	0.808	10.0 E	5.20	4
5	1.758	6.808	4.358	37.1	28.4	1.58	1.88	1.48	1.42	14.9	7.10E	4.84	5
6	1.858	4.158	3.708	32.1	20.2	1.81	1.38	1.82	1.48	11.9	8.40E	5.708	6
7	1.558	3.808	3.158	18.7	18.4	1.48	1.08	1.30	1.17	8.12	15.0 E	4.808	7
8	1.458	3.508	2.708	16.5	12.3	1.48	0.913	1.08	0.973	4.26	10.5 E	4.358	8
9	1.408	3.208	2.358	35.9	9.88	1.53	0.871	1.00	0.883	31.1	7.80E	3.858	9
10	1.308	2.858	1.958	82.6	8.86	1.53	0.788	0.888	0.848	12.9	8.80E	3.808	10
11	1.288	2.758	5.208	58.4	7.89	1.48	0.778	0.807	0.883	8.18	9.10E	3.258	11
12	1.208	2.658	4.658	26.5	7.55	1.43	0.703	0.783	0.873	7.20	7.20E	3.008	12
13	1.808	7.308	4.208	18.6	8.88	1.34	0.886	0.767	0.818	4.80	5.80E	2.838	13
14	2.208	8.008	3.758	12.6	5.02	1.24	0.848	0.811	0.837	3.83	11.6 E	2.628	14
15	1.708	4.208	3.558	10.3	5.28	1.28	0.818	1.28	0.904	3.40	7.70E	2.448	15
16	1.388	7.008	3.358	9.17	4.40	1.08	0.808	2.34	1.31	2.88	5.67A	2.308	16
17	1.208	34.0 B	3.208	12.6	4.10	0.943	0.884	3.03	1.18	2.83	4.84	2.208	17
18	1.008	22.0 B	3.088	11.3	4.07	1.83	0.851	2.38	0.947	3.38 A	12.6	2.118	18
19	2.808	18.0 B	2.858	20.7	3.74	1.71	0.886	1.73	0.947	4.05 E	7.58	2.048	19
20	5.648	18.5 B	2.888	35.8	3.45	1.18	0.888	1.24	1.12	70.0 E	5.87	1.878	20
21	7.308	25.5 B	2.788	31.3	3.10	0.838	0.804	1.08	0.948	38.0 E	37.2	2.808	21
22	5.808	22.0 B	2.728	26.3	2.73	0.848	1.32	3.55	0.818	14.5 E	28.5	2.308	22
23	4.208	17.5 B	4.158	20.8	2.50	0.850	1.53	2.21	0.883	38.0 E	14.6	2.058	23
24	3.008	38.0 B	7.308	18.1	2.28	0.814	1.11	1.48	0.777	28.0 E	9.80	1.908	24
25	2.308	20.0 B	13.5 B	18.2	2.28	0.798	32.7	1.18	0.885	21.0 E	7.48	2.458	25
26	4.208	18.0 B	33.0 B	21.0	2.23	0.858	13.8	0.898	0.833	13.0 E	6.37	2.258	26
27	8.808	13.0	75.0 B	27.6	2.22	1.12	7.28	1.17	0.872	8.60 E	5.43	2.008	27
28	17.0 B	8.008	73.0 B	28.1	2.18	1.43	4.88	1.03	0.887	7.20 E	10.4	1.808	28
29	10.4 B	7.008	34.3	22.1	1.80	1.21	4.08	0.882	0.708	8.30 E	48.8	2.858	29
30	7.008		17.5	28.4	1.84	1.83	3.74	8.20	0.748	7.40 E	18.2	2.408	30
31	4.488		13.8		1.89		2.84	7.12		8.50 E		1.908	31
TOTAL	112.51	332.70	307.49	782.27	283.00	39.183	104.730	58.104	32.850	372.882	356.40	108.82	TOTAL
MEAN	3.63	11.8	9.92	26.4	9.13	1.31	3.38	1.81	1.10	12.0	11.5	3.54	MEAN
MAX	17.0	34.0	73.0	82.6	58.0	1.71	32.7	7.12	3.38	70.0	48.8	11.5	MAX
MIN	1.00	2.58	1.95	8.17	1.89	0.798	0.884	0.787	0.672	0.878	4.84	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.64
MAXIMUM DAILY, 82.6 ON APR 10
MINIMUM DAILY, 0.672 ON SEP 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 42 N
LONG 63 03 08 W
DRAINAGE AREA, 249 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 720	JUL	9 050
FEB	28 700	AUG	4 850
MAR	26 600	SEP	2 840
APR	65 800	OCT	32 200
MAY	24 500	NOV	30 700
JUN	3 380	DEC	9 480

TOTAL DISCHARGE, 248 000 dam³

ROGERS BROOK NEAR JAKES LANDING - STATION NO. 01ED008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.108	1.81	0.317	---	---	---	0.124	---	---	---	---	1
2	---	---	1.81	0.387	0.708	---	---	---	---	---	---	---	2
3	---	---	1.18	0.448	---	---	---	---	---	---	---	---	3
4	0.083	---	0.870	0.618	---	---	---	---	---	0.088	---	---	4
5	---	---	0.728	0.812	---	---	0.035	---	---	---	---	---	5
									0.047	---	---	4.48	
6	---	---	0.823	0.870	---	0.065	---	---	---	---	---	---	6
7	---	---	0.383	1.02	---	---	---	---	---	---	---	---	7
8	---	0.611	0.268	1.30	---	---	---	---	---	---	0.725	---	8
9	---	---	0.212	1.18	0.284	---	---	0.084	---	---	---	---	9
10	---	---	0.188	1.12	---	---	---	---	---	---	---	---	10
										0.043	---	---	
11	0.054	---	0.174	1.01	---	---	0.008	---	---	---	---	---	11
12	---	---	0.127	0.880	---	---	---	---	0.011	---	---	0.405	12
13	---	---	0.087	0.742	---	0.022	---	---	---	---	---	---	13
14	---	---	0.080	0.675	---	---	---	---	---	---	0.508	---	14
15	---	0.717	---	0.800	---	---	---	0.068	---	---	---	---	15
16	---	---	---	0.478	0.068	---	---	---	---	---	---	---	16
17	---	---	---	0.788	---	---	---	---	---	0.028	---	---	17
18	0.042	---	---	0.882	---	---	0.005	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	0.044	---	---	0.087	19
20	---	---	---	---	---	0.018	---	---	---	---	---	---	20
21	---	---	0.058	---	---	---	---	---	---	---	3.80	---	21
22	---	3.85	---	---	---	---	---	---	0.018	---	---	---	22
23	---	---	---	---	0.041	---	---	---	---	---	---	---	23
24	---	4.34	---	---	---	---	---	---	---	0.174	---	---	24
25	0.071	4.58	---	0.817	---	---	0.487	---	---	---	---	---	25
26	---	3.81	---	---	---	---	---	---	0.012	---	---	0.130	26
27	---	3.48	---	---	---	0.073	---	---	---	---	1.33	---	27
28	---	3.81	0.888	---	---	---	---	---	---	---	---	---	28
29	---	2.28	0.362	---	---	---	---	0.023	---	---	---	---	29
30	---		0.228	---	0.031	---	---	---	---	0.087	---	---	30
31	---		0.248		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 48 N
LONG 65 13 00 W
DRAINAGE AREA, 8.74 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

NOVA SCOTIA

ROSEWAY RIVER AT LOWER ONSLOW - STATION NO. 01EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.908	21.98	28.6	17.4	28.9	8.14	7.77	28.7	3.28	3.76	20.2	48.8	1
2	9.358	20.88	25.1	17.3	28.8	8.60	8.43	23.1	2.88	3.48	24.7	53.6	2
3	9.188	21.38	22.2	16.7	28.3	8.42	8.62	21.0	2.88	3.48	28.8	54.6	3
4	8.988	22.78	20.6	16.0	28.0	8.08	8.38	18.7	2.77	3.61	32.4	52.8	4
5	8.678	26.48	18.8	16.6	28.8	8.72	7.72	18.7	8.11	8.14	34.4	47.8	5
6	8.548	32.88	18.3	18.8	23.4	8.84	8.81	15.0	8.88	8.80	38.7	42.4	6
7	8.338	28.88	17.1	21.2	21.4	8.28	8.01	13.8	8.86	7.20	37.8	38.4	7
8	8.188	26.68	15.8	22.4	19.4	4.88	8.44	12.6	8.81	7.74	37.3	34.8	8
9	7.988	23.28	15.0	22.8	17.7	4.70	4.87	11.5	8.34	8.84	38.8	30.8	9
10	7.828	21.18	14.8	23.2	16.1	4.60	4.14	10.8	8.81	8.81	34.4	27.8	10
11	7.858	19.48	14.7	23.1	14.8	4.45	3.88	10.1	8.32	8.44	33.1	23.8 B	11
12	7.468	18.18	14.1	22.3	14.1	4.32	4.62	8.47	8.84	8.88	31.1	19.8 B	12
13	7.338	18.38	13.8	20.8	13.2	4.28	8.88	8.72	8.39	10.0	28.8	17.8 B	13
14	7.228	21.28	13.4	18.4	12.1	4.18	8.44	8.18	8.88	10.1	28.3	16.1 B	14
15	7.078	23.48	13.0	18.1	11.8	3.82	8.38	8.24	8.12	8.88	28.8	14.8 B	15
16	8.888	48.0	12.8	18.8	10.8	3.83	8.32	8.13	8.83	8.88	27.7	13.1 B	16
17	8.888	87.8	11.3	20.7	10.1	3.38	8.88	7.48	8.78	8.38	27.4	12.8 B	17
18	8.888	80.3	10.8	21.3	8.88	3.88	8.87	8.77	8.88	8.78	28.8	11.3 B	18
19	7.328	82.7	10.1	22.8	8.88	3.24	8.88	8.80	8.78	8.81	28.3	10.8 B	19
20	8.488	82.3	8.88	24.4	8.81	2.88	8.38	8.44	8.88	12.7	28.4	10.4 B	20
21	8.888	88.4	8.31	25.8	8.88	2.84	4.72	4.88	8.88	13.1	28.8	10.2 B	21
22	10.8 B	84.8	8.14	25.1	7.88	2.71	8.88	4.81	8.88	18.2	27.4	8.888	22
23	12.7 B	48.8	8.80	24.8	7.24	2.81	10.8	4.22	8.14	21.4	28.1	8.788	23
24	14.4 B	48.7	8.22	23.2	8.88	2.84	18.8	3.78	8.83	23.8	40.8	8.888	24
25	14.7 B	44.8	8.22	23.7	8.88	2.28	28.8	3.88	8.84	28.3	41.1	11.3	25
26	18.7 B	42.8	8.28	23.8	7.18	2.78	24.8	3.72	8.88	27.1	38.4	12.8	26
27	18.2 B	38.4	8.18	22.3	7.82	4.18	28.8	3.72	8.34	28.4	38.7	12.8	27
28	21.8 B	38.8	11.7	21.8	8.88	4.88	28.8	3.77	4.88	24.8	38.8	14.8	28
29	28.1 B	31.8	13.4	28.8	8.74	8.88	33.3	3.88	4.83	23.8	41.8	18.7	29
30	23.8 B		18.3	27.8	8.88	8.28	30.4	3.32	4.18	22.4	44.3	21.2	30
31	22.8 B		17.3		8.37		27.7	3.44		21.3		23.7	31
TOTAL	351.84	1 037.7	438.82	849.2	631.02	137.88	388.18	288.88	180.11	403.84	1 008.7	730.88	TOTAL
MEAN	11.3	35.8	14.1	21.8	12.8	4.27	12.8	8.38	8.34	13.0	33.7	23.8	MEAN
MAX	28.1	82.7	28.8	27.8	28.8	8.28	38.8	28.7	8.81	27.1	44.3	54.8	MAX
MIN	8.88	18.1	8.22	16.8	8.37	2.28	3.88	3.32	2.77	3.48	20.2	8.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 82.7 ON FEB 18
MINIMUM DAILY, 2.28 ON JUN 28
MAXIMUM INSTANTANEOUS,
82.2 AT 14:14 AST ON FEB 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 18 N
LONG 65 22 12 W
DRAINAGE AREA, 485 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 400	JUL	33 400
FEB	88 700	AUG	28 000
MAR	37 800	SEP	13 800
APR	58 100	OCT	34 800
MAY	37 200	NOV	87 200
JUN	11 100	DEC	83 100

TOTAL DISCHARGE, 820 000 dam³

ROUND LAKE BROOK AT ROUND LAKE - STATION NO. 01EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8808	1.88	2.18	3.84	2.84	0.288	0.182	2.12	0.121	0.288	1.88	7.88	1
2	0.8888	1.88	1.84	3.82	2.48	0.288	0.188	1.88	0.122	0.282	2.78	8.88	2
3	0.8388	2.38	1.82	3.33	2.34	0.248	0.188	1.81	0.118	0.238	8.72	4.72	3
4	0.8188	2.828	1.47	3.17	2.28	0.338	0.182	1.38	0.188	0.332	7.82	2.78	4
5	0.8848	2.718	1.41	3.71	2.13	0.248	0.184	1.17	0.121	0.348	8.34	2.18	5
6	0.802	2.448	1.28	4.38	1.88	0.248	0.188	0.884	0.148	0.481	5.18	2.81	6
7	0.872	2.388	1.14	4.72	1.88	0.228	0.147	0.878	0.148	0.818	4.78	2.38	7
8	0.838	2.88	1.88	4.88	1.88	0.212	0.133	0.888	0.148	0.888	4.32	1.88	8
9	0.863	1.88	0.883	4.88	1.43	0.211	0.128	0.721	0.188	0.732	3.81	1.78	9
10	0.831	1.84	0.818	4.28	1.28	0.214	0.128	0.632	0.148	0.748	3.88	1.48	10
11	0.888	1.48	0.888	3.88	1.17	0.208	0.114	0.884	0.188	0.788	2.78	1.31	11
12	0.474	1.28	0.812	3.14	1.88	0.187	0.188	0.884	0.138	0.888	2.88	1.18	12
13	0.488	1.418	0.877	2.88	0.888	0.184	0.182	0.438	0.128	0.831	2.27	1.83	13
14	0.488	1.888	0.848	2.27	0.818	0.187	0.882	0.382	0.188	0.884	2.44	0.838	14
15	0.484	1.78	0.888	2.87	0.828	0.177	0.884	0.388	0.177	0.887	2.84	0.888	15
16	0.444	2.48	0.783	2.82	0.724	0.188	0.888	0.328	0.188	0.838	2.48	0.782	16
17	0.432	2.38	0.718	2.38	0.882	0.158	0.888	0.282	0.188	0.788	2.38	0.714	17
18	0.431	3.88	0.888	2.88	0.832	0.187	0.842	0.288	0.282	0.888	2.81	0.8888	18
19	0.887	4.11	0.888	2.81	0.888	0.188	0.888	0.234	0.272	0.717	2.73	0.874	19
20	0.847	4.08	0.883	2.78	0.888	0.143	0.877	0.208	0.337	1.08	2.83	0.828	20
21	0.783	4.88	0.8428	2.82	0.828	0.138	0.878	0.182	0.388	1.32	3.88	0.814	21
22	0.814	4.88	0.8288	2.78	0.488	0.131	0.188	0.182	0.428	1.48	8.18	0.808	22
23	1.84	4.82	0.808	2.84	0.488	0.118	0.128	0.182	0.438	1.74	8.11	0.877	23
24	1.12	4.88	0.884	2.48	0.428	0.112	0.178	0.148	0.448	2.82	4.48	0.588	24
25	1.13	4.48	0.808	2.88	0.488	0.887	0.888	0.138	0.414	2.42	3.87	0.827	25
26	1.47	3.83	0.881	2.84	0.483	0.187	0.872	0.148	0.388	2.84	3.84	0.887	26
27	2.83	3.38	0.882	2.82	0.387	0.122	1.11	0.148	0.372	2.83	2.88	0.882	27
28	2.37	2.78	2.81	2.43	0.348	0.148	1.88	0.141	0.387	2.48	2.73	0.728	28
29	2.38	2.44	4.48	2.48	0.328	0.141	2.84	0.138	0.333	2.42	8.71	0.881	29
30	2.24		4.78	2.88	0.384	0.148	2.38	0.143	0.288	2.28	8.38	1.18	30
31	2.84		4.27		0.288		2.32	0.148		2.12		1.24	31
TOTAL	38.243	82.82	42.338	82.78	32.488	5.388	13.818	17.481	7.128	38.847	117.88	82.882	TOTAL
MEAN	0.811	2.85	1.37	3.88	1.82	0.188	0.438	0.883	0.237	1.18	3.83	1.78	MEAN
MAX	2.38	4.88	4.78	4.88	2.84	0.388	2.38	2.12	0.448	2.84	8.38	7.88	MAX
MIN	0.431	1.28	0.884	2.83	0.288	0.087	0.878	0.138	0.188	0.232	1.88	0.888	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 8.38 ON NOV 30
MINIMUM DAILY, 0.878 ON JUL 21
MAXIMUM INSTANTANEOUS,
8.72 AT 08:03 AST ON NOV 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 36 N
LONG 64 58 25 W
DRAINAGE AREA, 88.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 440	JUL	1 180
FEB	7 130	AUG	1 810
MAR	3 880	SEP	818
APR	8 020	OCT	3 180
MAY	2 810	NOV	10 200
JUN	488	DEC	4 880

TOTAL DISCHARGE, 48 700 dam³

SACKVILLE RIVER AT BEDFORD - STATION NO. 01EJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.808	5.508	6.27	11.0	10.0	1.14	2.78	9.87	0.403	0.827	5.90	15.0	1
2	1.838	5.008	5.33	10.0	6.85	0.945	1.84	5.08	0.384	0.478	12.8	12.4	2
3	1.738	4.808	4.71	9.62	5.82	0.888	1.38	3.59	0.314	0.445	13.8	8.84	3
4	1.888	5.408	4.21	10.2	5.91	0.835	1.23	3.48	0.302	0.880	14.8	7.78	4
5	1.828	5.408	3.718	13.8	6.28	1.12	1.12	4.48	1.38	5.52	12.8	6.24	5
6	1.578	5.008	3.308	17.8	7.77	0.974	0.979	3.85	0.874	3.32	11.4	5.04	6
7	1.528	5.408	3.108	21 3	6.85	0.887	0.884	3.00	0.678	3.18	14.8	4.34	7
8	1.488	4.708	2.858	21.0	5.88	0.823	0.747	2.44	0.841	3.85	12.3	3.77	8
9	1.408	4.208	2.758	18.8	4.88	0.775	0.853	2.02	0.810	4.82	11.2	3.28	9
10	1.378	3.808	3.89	16.7	4.12	0.872	0.888	1.73	0.829	4.13	9.24	2.90	10
11	1.328	3.408	4.188	15.0	3.58	0.808	0.478	1.44	0.881	5.82	8.48	2.84	11
12	1.288	3.208	3.128	15.3	3.24	0.733	0.437	1.21	0.490	4.92	7.08	2.04	12
13	1.268	3.188	2.808	12.3	2.84	0.882	0.387	1.03	1.03	4.21	5.87	1.788	13
14	1.228	3.108	2.888	9.88	2.48	0.833	0.345	0.888	1.84	3.80	9.80	1.858	14
15	1.188	3.088	2.808	7.81	2.13	0.888	0.843	0.801	1.22	3.27	8.10	1.87	15
16	1.188	15.0 B	2.488	8.43	1.82	0.845	0.388	0.850	1.11	2.80	7.81	1.48	16
17	1.138	24.0 B	2.388	8.34	2.20	0.822	0.338	0.831	0.884	2.43	6.78	1.238	17
18	1.138	23.8 B	2.288	6.47	1.83	0.777	0.304	0.726	0.887	2.12	11.4	1.178	18
19	1.118	21.5	2.188	14.7	1.78	0.885	0.282	0.833	1.40	4.47	8.88	1.28	19
20	1.808	20.3	2.108	18.1	1.88	0.488	0.282	0.888	1.12	25.8	7.88	1.27	20
21	2.208	18.1 B	2.088	16.8	1.80	0.440	0.228	0.828	1.10	21.3	17.8	1.88	21
22	4.008	16.4 B	1.888	15.8	1.47	0.374	2.02	0.885	1.28	22.8	14.8	1.84	22
23	3.608	15.8	1.888	13.1	1.38	0.440	1.03	0.482	1.12	34.0	13.7	1.388	23
24	3.858	15.0	2.04	10.8	1.33	0.388	2.53	0.408	1.08	28.3	11.1	1.238	24
25	3.258	13.8	2.34	13.3	1.27	0.298	8.80	0.383	0.932	22.4	8.73	2.31	25
26	10.0 B	11.0 B	2.82	12.2	1.88	0.778	8.03	0.388	0.832	17.1	7.02	1.89	26
27	13.0 B	8.788	8.88	11.1	1.51	0.888	5.88	0.387	0.788	13.8	8.58	1.488	27
28	11.0 B	7.288	10.8	8.48	1.31	0.617	7.34	0.328	0.707	10.8	8.48	1.778	28
29	8.008	8.88	14.5	11.2	1.21	0.521	13.1	0.303	0.620	10.2	15.7	4.15	29
30	7.308		15.2	10.8	1.08	0.831	13.8	0.784	0.884	8.20	15.8	2.878	30
31	6.208		12.8		1.22		11.8	0.818		8.83		2.628	31
TOTAL	101.87	284.13	139.81	388.12	112.88	21.000	82.888	81.388	28.024	280.832	323.88	110.87	TOTAL
MEAN	3.28	8.80	4.50	13.3	3.84	0.700	2.88	1.88	0.887	9.08	10.8	3.57	MEAN
MAX	13.0	24.0	15.2	21.3	10.0	1.14	13.8	8.87	1.84	34.0	17.8	15.0	MAX
MIN	1.11	3.08	1.88	7.81	1.08	0.298	0.228	0.303	0.302	0.448	5.88	1.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.31
MAXIMUM DAILY, 24.0 ON OCT 23
MINIMUM DAILY, 0.228 ON JUL 21
MAXIMUM INSTANTANEOUS,
42.1 AT 08:30 AST ON OCT 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 53 N
LONG 63 38 45 W
DRAINAGE AREA, 145 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 780	JUL	7 170
FEB	24 600	AUG	8 300
MAR	12 100	SEP	2 250
APR	34 400	OCT	24 200
MAY	8 780	NOV	28 000
JUN	1 810	DEC	9 580

TOTAL DISCHARGE, 188 000 dam³

SALMON RIVER AT SALMON RIVER BRIDGE - STATION NO. 01FJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.888	5.408	31.0 B	30.1	61.8	3.84	8.08	3.34	1.31	0.888	4.88	14.8	1
2	1.838	5.008	31.0 B	21.2	30.8	2.78	5.88	2.72	1.04	0.838	8.01	11.2	2
3	1.788	4.788	11.0 B	16.8	17.8	2.48	11.1	2.23	0.858	0.811	47.1	8.31	3
4	1.788	4.808	8.508	15.8	49.3	2.01	8.42	1.78	0.788	0.734	31.3	8.70	4
5	1.728	8.008	7.358	22.8	38.8	5.89	5.48	1.83	0.881	8.33	13.2	5.81	5
6	1.688	16.1 B	8.808	38.2	19.2	8.78	3.77	2.28	2.83	18.8	10.1	3.808	6
7	1.888	8.008	8.058	17.1	11.0	5.88	2.84	2.88	2.87	10.8	20.4	3.308	7
8	1.838	5.308	6.728	13.8	7.88	4.21	2.22	1.88	1.87	8.17	23.7	2.808	8
9	1.818	4.158	8.408	23.2	5.88	3.18	1.78	1.83	1.34	7.14	13.1	2.808	9
10	1.888	3.708	9.108	84.8	4.82	3.47	1.48	1.31	0.884	8.18	8.87	2.408	10
11	1.868	3.408	22.0 B	83.1	3.98	4.43	1.40	1.04	0.882	8.12	7.07	2.258	11
12	1.838	3.208	12.1 B	60.8	3.48	3.48	1.22	0.842	1.01	21.8	8.08	2.128	12
13	1.808	3.088	8.508	30.8	3.02	2.84	1.08	0.871	1.08	14.8	4.87	2.008	13
14	1.448	2.888	7.858	12.2	2.82	2.21	0.988	0.853	2.82	8.27	8.88	1.948	14
15	1.488	7.808	8.008	8.87	2.87	2.05	1.08	0.820	4.81	8.84	24.0	1.878	15
16	1.438	12.0 B	4.788	7.08	2.31	1.88	1.72	4.82	3.41	4.43	14.3	1.828	16
17	1.418	40.0 B	3.988	14.8	2.88	1.88	1.74	18.2	2.42	3.88	8.43	1.778	17
18	1.388	18.0 B	3.818	15.3	8.81	2.78	1.78	15.2	1.78	3.01	28.8	1.718	18
19	1.388	15.0 B	3.348	15.8	8.88	3.72	2.47	8.82	1.88	2.88	28.0	1.888	19
20	4.008	21.0 B	3.058	35.4	8.81	2.73	2.88	5.00	8.48	3.20	14.0	1.858	20
21	8.108	27.8 B	2.808	87.2	8.08	2.10	2.32	3.47	8.48	8.32	13.8	1.908	21
22	3.808	13.8 B	2.788	37.7	3.81	1.88	3.38	3.42	4.44	8.88	31.2	2.228	22
23	2.888	13.0 B	2.858	30.8	3.01	1.78	8.43	2.78	4.07	22.8	21.7	2.008	23
24	2.508	18.2 B	2.888	18.8	2.82	1.71	4.77	2.08	3.28	48.2	11.3	1.888	24
25	2.258	11.8 B	2.878	13.0	2.12	1.88	25.4	1.87	2.43	33.2	7.77	2.108	25
26	8.208	8.308	3.388	14.0	2.18	1.88	41.3	1.31	1.80	11.2	8.41	2.818	26
27	20.1 B	8.108	8.71	14.0	3.18	2.77	20.7	1.13	1.47	7.80	8.43	2.408	27
28	10.8 B	7.008	33.8	10.7	3.20	14.8	8.74	1.08	1.20	7.34	8.77	2.178	28
29	7.408	8.708	48.5	8.41	2.38	38.3	8.81	1.02	1.10	8.78	33.0	2.508	29
30	8.428		37.7	82.1	1.87	18.2	7.20	1.10	0.884	8.78	28.8	2.308	30
31	4.888		33.8		1.88		4.88	1.41		8.90		2.008	31
TOTAL	107.38	308.83	342.78	801.87	311.88	138.33	204.888	88.258	88.184	287.833	493.38	195.71	TOTAL
MEAN	3.48	10.8	11.1	28.7	10.1	4.81	8.80	3.17	2.21	8.28	18.4	3.41	MEAN
MAX	20.1	40.0	48.5	83.1	61.8	38.3	41.3	18.3	5.48	48.2	47.1	18.8	MAX
MIN	1.38	3.88	2.88	7.08	1.88	1.88	0.858	0.820	0.788	0.734	4.88	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.82
MAXIMUM DAILY, 83.1 ON APR 11
MINIMUM DAILY, 0.820 ON AUG 18
MAXIMUM INSTANTANEOUS,
114 AT 14:13 AST ON APR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 58 03 N
LONG 80 18 10 W
DRAINAGE AREA, 198 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 280	JUL	17 700
FEB	28 800	AUG	8 480
MAR	28 800	SEP	8 720
APR	88 300	OCT	24 800
MAY	37 000	NOV	42 800
JUN	12 000	DEC	8 130

TOTAL DISCHARGE, 282 000 dam³

NOVA SCOTIA

SALMON RIVER AT UNION - STATION NO. 01DH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.278	7.008	6.608	21.8E	28.1	3.01	14.0 E	8.30	7.30	1.40	4.80E	19.8 A	1
2	2.238	14.5 B	8.108	24.8E	30.3	3.56	10.0 E	4.02	4.83	1.50	12.0 E	9.00E	2
3	2.188	18.0 B	5.608	26.8E	36.3	3.98	8.60 E	3.28	3.37	1.38	14.7 E	6.80E	3
4	2.148	15.0 B	5.108	40.0Y	63.2	3.01	6.20 E	3.18	3.13	1.32	11.0 E	4.80E	4
5	2.088	9.008	4.788	52.0E	32.2	2.96	5.00 E	3.80	3.12	29.0	8.30E	3.15E	5
6	2.038	8.608	4.208	38.0E	22.0	3.30	3.85 E	2.84	3.72	20.7	6.30E	2.40E	6
7	1.988	6.858	4.358	28.0E	15.8	3.15	3.20 E	2.32	3.16	10.8	13.0 E	2.20E	7
8	1.908	5.208	4.208	26.0E	12.0	2.87	3.00 E	1.98	3.63	8.37	10.0 E	2.12E	8
9	1.858	4.758	3.858	44.0E	8.80	2.02	1.70 E	1.78	2.31	28.7	7.80E	2.04E	9
10	1.808	4.158	4.208	77.0E	8.20	1.88	1.80 E	1.61	2.08	21.5	4.80E	1.80E	10
11	1.708	4.008	8.008	45.0E	8.80	2.22	1.30 E	1.41	1.88	15.4	8.80E	1.67B	11
12	1.608	3.808	7.008	31.8A	5.05	1.83	1.12 E	1.22	1.61	15.1	8.90E	1.79E	12
13	1.538	4.108	6.008	22.8	4.70	1.58	1.05 E	1.12	1.78	10.6	5.50E	1.75E	13
14	1.488	8.008	4.708	18.4	4.30	1.41	0.878A	1.20	5.02	8.70	3.70A	1.68E	14
15	1.418	8.808	4.158	16.7	4.10	1.87	1.33	1.84	4.30	7.41	25.8	1.85E	15
16	1.368	30.0 B	3.758	15.0A	3.80	1.51	1.75	4.38	4.24	6.13	18.4	1.60E	16
17	1.368	33.0 B	3.358	19.0A	3.75	1.15	1.58	4.18	3.87	5.41	14.5	1.58E	17
18	1.308	31.0 B	3.158	17.8E	3.55	1.09	1.47	3.87	3.01	4.78	28.9	1.53E	18
19	2.608	16.0 B	2.888	80.0E	3.35	2.15	1.48	3.84	4.08	6.88	20.4	1.48E	19
20	6.308	15.5 B	2.788	55.0E	3.15	1.82	1.39	3.28	4.88	129	15.6	1.60E	20
21	10.0 B	28.0 B	2.608	31.0A	3.05	1.15	1.08	1.84	3.82	43.0	41.7	1.70E	21
22	11.2 B	28.0 B	2.608	26.3	2.85	0.884	0.85 A	5.83	3.44	24.4	42.3	1.70E	22
23	9.508	31.0 B	2.708	22.4	2.85	0.838	5.71	4.01	3.04	82.4	25.8	1.80E	23
24	7.808	30.0 B	2.708	21.8	2.85	1.15	8.33	2.78	2.41	32.0	19.1	1.65E	24
25	8.808	18.0 B	2.808	23.6	4.01	1.00	81.0 A	3.27	2.19	27.8	16.4	1.88E	25
26	20.5 B	13.0 B	7.00E	23.4	3.84	1.29	31.1	1.94	1.88	22.2	12.7	1.69E	26
27	16.5 B	11.0 B	62.0 B	27.3	3.68	2.38	18.6	3.20	1.88	18.3	11.1	1.65E	27
28	15.0 B	9.70E	110 E	28.7	3.73	3.13	10.8	2.88	1.58	12.5	27.1	2.18E	28
29	12.0 B	7.80E	82.0 E	26.4	3.22	2.55 A	8.74	2.28	1.50	11.5	88.4	2.15E	29
30	8.00E		37.0 E	35.6	1.88	2.80 E	10.1	13.2	1.41	8.80A	27.1	2.05E	30
31	8.00E		20.0 E		1.88		8.81	14.3		8.80E		1.90E	31
TOTAL	165.61	409.88	388.05	845.4	318.47	83.972	254.328	108.14	93.92	582.26	524.50	80.14	TOTAL
MEAN	5.34	14.1	12.5	31.5	10.3	2.13	8.20	3.48	3.13	19.1	17.5	2.91	MEAN
MAX	20.5	38.0	110	77.0	63.2	3.86	81.0	14.3	7.30	129	88.4	18.8	MAX
MIN	1.30	3.80	3.80	16.0	1.88	0.838	0.878	1.12	1.41	1.33	3.70	1.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 129 ON OCT 20
MINIMUM DAILY, 0.878A ON JUL 14
MAXIMUM INSTANTANEOUS,
2060 AT 10:55 AST ON OCT 20

REMARKS - THE E FOR DISCHARGE ABOVE 175 IS DUE TO CURVE EXTENSION

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 54 N
LONG 63 07 23 W
DRAINAGE AREA, 287 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 300	JUL	22 000
FEB	36 400	AUG	9 340
MAR	33 400	SEP	8 110
APR	81 700	OCT	51 200
MAY	27 500	NOV	45 300
JUN	8 530	DEC	7 700

TOTAL DISCHARGE, 343 000 dam³

SHARPE BROOK AT LLOYDS - STATION NO. 01DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0328	0.1708	0.2068	0.720	0.884	0.081	0.151	0.144	0.086	0.010	0.188	0.488	1
2	0.0328	0.1888	0.1888	0.780	0.484	0.073	0.138	0.118	0.088	0.008	0.763	0.377	2
3	0.0318	0.4388	0.1808	0.778	0.437	0.084	0.108	0.081	0.060	0.008	0.747	0.328	3
4	0.0318	0.2838	0.1678	0.888	0.814	0.067	0.078	0.077	0.034	0.011	0.474	0.288	4
5	0.0318	0.2888	0.1888	1.88	0.430	0.112	0.084	0.088	0.044	0.338	0.362	0.244	5
6	0.0318	0.2418	0.1638	1.33	0.383	0.181	0.048	0.083	0.048	0.213	0.308	0.1848	6
7	0.0308	0.2008	0.1488	1.08	0.317	0.112	0.037	0.084	0.032	0.142	0.488	0.1618	7
8	0.0308	0.1888	0.1438	0.807	0.271	0.084	0.032	0.087	0.028	0.101	0.323	0.1288	8
9	0.0308	0.1388	0.1388	0.808	0.238	0.088	0.028	0.054	0.020	0.208	0.277	0.1128	9
10	0.0288	0.1188	0.1378	1.63	0.208	0.086	0.021	0.042	0.018	0.178	0.247	0.0988	10
11	0.0288	0.0988	0.1638	1.08	0.184	0.082	0.020	0.036	0.017	0.184	0.301	0.0878	11
12	0.0288	0.0788	0.1848	0.888	0.188	0.110	0.018	0.030	0.016	0.183	0.263	0.0618	12
13	0.0288	0.1028	0.1338	0.518	0.187	0.184	0.018	0.028	0.015	0.130	0.215	0.0788	13
14	0.0288	0.1488	0.1208	0.438	0.180	0.127	0.014	0.030	0.018	0.101	0.275	0.0788	14
15	0.0288	0.1838	0.1108	0.388	0.137	0.107	0.018	0.043	0.020	0.088	0.242	0.0748	15
16	0.0288	0.2708	0.1078	0.834	0.118	0.088	0.018	0.053	0.018	0.077	0.207	0.0728	16
17	0.0288	0.3808	0.1048	0.588	0.112	0.083	0.013	0.054	0.016	0.088	0.214	0.0718	17
18	0.0288	0.8088	0.1028	0.580	0.108	0.118	0.012	0.050	0.018	0.083	0.383	0.0708	18
19	0.0368	0.488	0.0988	0.840	0.104	0.082	0.010	0.041	0.048	0.084	0.281	0.0888	19
20	0.0388	0.834	0.0888	0.618	0.093	0.084	0.010	0.032	0.038	1.08	0.225	0.0888	20
21	0.0648	0.7188	0.0878	0.518	0.088	0.040	0.010	0.038	0.028	0.494	0.888	0.0878	21
22	0.0878	0.5858	0.0888	0.441	0.078	0.033	0.180	0.088	0.027	0.318	0.528	0.0888	22
23	0.1388	0.4728	0.0868	0.448	0.070	0.030	0.108	0.086	0.024	0.482	0.418	0.0858	23
24	0.0948	0.8208	0.0848	0.548	0.073	0.028	0.411	0.038	0.020	0.388	0.332	0.0848	24
25	0.0818	0.5308	0.1228	1.11	0.208	0.024	1.07	0.033	0.018	0.318	0.278	0.1228	25
26	0.1308	0.3808	0.3608	0.883	0.187	0.078	0.438	0.028	0.014	0.282	0.344	0.1138	26
27	0.2158	0.3098	0.8508	0.908	0.142	0.183	0.247	0.028	0.013	0.234	0.223	0.0818	27
28	0.3408	0.2888	1.33 B	0.780	0.105	0.128	0.588	0.024	0.012	0.248	0.711	0.1388	28
29	0.3778	0.2478	0.8408	0.805	0.083	0.087	0.388	0.021	0.011	0.267	1.48	0.1988	29
30	0.2888		0.750	0.781	0.088	0.080	0.241	0.148	0.010	0.223	0.710	0.2898	30
31	0.2158		0.857		0.088		0.178	0.147		0.193		0.3748	31
TOTAL	2.631	9.384	5.044	24.830	5.418	2.491	4.841	1.803	0.788	5.527	13.835	4.748	TOTAL
MEAN	0.085	0.324	0.258	0.818	0.207	0.083	0.180	0.058	0.027	0.211	0.421	0.153	MEAN
MAX	0.377	0.718	1.33	1.88	0.884	0.183	1.07	0.148	0.088	1.08	1.48	0.488	MAX
MIN	0.028	0.078	0.084	0.388	0.088	0.024	0.010	0.021	0.010	0.008	0.188	0.084	MIN

DISCHARGES IN JUBIC METRES PER SECOND

MEAN, 0.231
MAXIMUM DAILY, 1.88 ON APR 5
MINIMUM DAILY, 0.008 ON OCT 2
MAXIMUM INSTANTANEOUS,
2.44 AT 04:20 AST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 64 35 14 W
DRAINAGE AREA, 8.81 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	227	JUL	401
FEB	611	AUG	158
MAR	488	SEP	89.0
APR	2 120	OCT	584
MAY	588	NOV	1 080
JUN	218	DEC	410

TOTAL DISCHARGE, 7 310 dam³

SHUBENACADIE RIVER AT ENFIELD - STATION NO. 01DE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7	34.1	21.7	21.8	39.3	3.81	3.31	18.3	2.87	1.44	31.0	33.6	1
2	11.9	28.5	30.3E	21.7	27.7	3.33	2.48	18.2	2.88	1.41	32.0	33.8	2
3	11.6	27.0	35.7E	21.8	26.4	3.03	2.86	18.2	2.71	1.36	33.3	31.1	3
4	11.1	24.8	34.1E	22.3	26.6	2.97	3.81	18.4	2.46	1.38	32.6	28.7	4
5	10.6 B	26.6	32.9E	26.1	24.2	3.03	2.82	18.3	2.56	3.06	30.0	27.7	5
6	8.908	24.9	31.5E	24.6	22.7	2.97	2.85	17.5	2.50	2.83	31.5	28.4	6
7	8.388	23.5	30.0E	24.6	21.1	2.83	2.80	16.6	2.37	2.79	32.0	23.7	7
8	7.388	22.4	18.7E	25.3	19.6	2.84	2.80	15.6	2.36	2.79	31.6	22.3	8
9	6.688	21.3	17.8E	26.6	18.4	2.82	2.86	14.7	2.28	3.81	31.6	20.6	9
10	6.908	20.1	16.9A	43.3	17.3	2.76	3.07	13.6	2.23	3.76	30.6	18.6	10
11	5.308	18.9	16.4	43.6	16.3	2.65	2.84	13.6	2.18	4.10	30.6	17.5	11
12	4.788	17.7	16.0B	40.6	15.2	2.64	2.88	12.2	1.90	4.87	28.4	16.1	12
13	4.588	21.4	16.6	37.8	14.6	2.43	3.08	11.4	1.82	4.85	26.2	15.0	13
14	4.488	22.1	16.2	35.1	13.7	2.28	3.15	10.6	1.63	5.49	26.4	14.3	14
15	4.428	21.2	15.7	32.6	12.6	2.36	3.08	9.78	1.76	6.36	27.9	13.6	15
16	4.368	22.4	14.8	31.8	12.2	2.32	3.14	8.88	1.71	5.87	28.1	12.7	16
17	4.428	47.0B	14.4	33.6	12.0	2.28	3.21	7.30	1.63	5.86	26.3	12.2	17
18	4.64A	46.2B	13.8	30.4	11.6	2.28	3.15	7.06	1.62	8.34	27.7	11.6	18
19	5.26	43.8	13.6	33.6	10.8	2.36	3.15	8.82	1.68	7.16	26.1	11.4	19
20	5.42	43.6	13.3	36.1	8.89	2.18	3.04	5.74	1.83	60.6	24.8	10.6	20
21	6.00	46.3	13.1	38.8	8.41	2.28	2.98	5.18	1.68	56.8	32.0	10.6	21
22	6.63	48.4	12.7	36.3	8.08	2.13	3.23	5.24	1.68	36.7	36.6	10.0	22
23	6.43	46.0	13.2	37.4	7.36	2.08	3.48	4.81	1.80	60.6	31.8	9.64	23
24	6.32	46.1	11.8	36.6	6.66	2.07	3.98	4.08	1.66	62.1	30.2	8.66	24
25	6.32	43.6	11.6	37.4	6.36	1.98	18.4	3.73	1.97	47.2	26.7	8.80	25
26	24.2	41.1	11.6	36.0	5.96	1.98	37.6	3.34	1.81	46.1	27.2	8.66	26
27	41.4	38.6	14.6	34.4	5.42	1.97	10.7	3.28	1.98	44.0	26.6	7.64	27
28	34.4	36.2	33.6	32.0	5.03	1.81	10.2	3.24	1.70	41.8	26.0	7.68	28
29	37.2	33.6	28.2	31.6	4.66	1.98	17.3	3.28	1.86	38.0	26.6	9.22	29
30	36.6		30.6	31.0	4.06	2.06	16.6	3.26	1.82	36.0	26.7	9.86	30
31	36.3		30.7		3.83		17.4	3.06		33.0		9.40	31
TOTAL	369.61	833.7	574.6	1 013.3	429.06	74.10	198.64	303.82	60.10	807.93	900.3	600.47	TOTAL
MEAN	11.9	32.2	18.5	33.6	13.8	2.47	6.46	9.80	2.00	18.8	30.0	18.1	MEAN
MAX	41.4	46.4	32.6	43.6	39.3	3.81	37.6	18.4	2.87	60.6	36.6	33.6	MAX
MIN	4.36	19.7	11.6	21.7	3.83	1.81	2.31	3.06	1.62	1.34	24.6	7.64	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.3
MAXIMUM DAILY, 60.6 ON OCT 31
MINIMUM DAILY, 1.34 ON OCT 3
MAXIMUM INSTANTANEOUS,
64.6 AT 00:45 AST ON OCT 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 58 59 N
LONG 63 32 04 W
DRAINAGE AREA, 389 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 100	JUL	17 300
FEB	80 700	AUG	28 300
MAR	49 600	SEP	5 180
APR	87 500	OCT	52 500
MAY	37 100	NOV	77 600
JUN	8 600	DEC	43 200

TOTAL DISCHARGE, 515 000 dam³

SOUTH RIVER AT ST. ANDREWS - STATION NO. 01DR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.148	3.808	3.888	10.8	14.6	2.78	14.1	8.88	0.838	0.708	4.00	13.8	1
2	2.078	3.808	8.308	11.3	10.8	2.88	18.2	4.74	0.821	0.833	4.36	11.0	2
3	2.008	8.808	8.008	11.4	17.8	2.26	10.8	3.44	0.784	0.888	14.8	8.82	3
4	1.938	8.008	4.808	12.7	31.8	2.06	8.83	2.80	0.732	0.807	9.81	7.83	4
5	1.838	7.008	4.308	21.8	18.3	3.88	4.88	2.58	0.888	10.8	7.42	6.17	5
6	1.788	6.008	4.088	16.8	13.3	3.83	3.34	2.88	0.733	8.16	8.07	4.82	6
7	1.888	5.408	3.888	13.0	8.80	2.88	1.78	2.13	0.888	8.48	14.2	4.48	7
8	1.618	4.788	3.788	11.0	8.61	2.26	1.84	1.80	0.830	4.18	10.8	3.708	8
9	1.888	4.388	3.888	17.0	8.58	2.04	1.31	1.88	0.887	8.86	8.16	3.208	9
10	1.468	3.888	3.468	38.7	4.71	1.83	1.12	1.80	0.826	8.74	8.46	2.808	10
11	1.428	3.608	10.0 B	41.1	3.21	2.10	1.01	1.28	0.848	7.48	8.84	2.468	11
12	1.378	3.208	7.308	22.6	3.87	2.08	1.28	1.33	0.802	8.83	8.80	2.168	12
13	1.318	8.408	8.008	16.8	2.86	1.82	1.14	1.17	0.800	8.08	8.01	1.868	13
14	1.268	7.268	4.008	11.6	2.87	1.86	1.03	1.10	0.801	4.88	8.86	1.748	14
15	1.238	8.008	3.808	8.83	2.72	1.83	1.13	1.34	0.720	4.11	8.09	1.838	15
16	1.188	13.2 B	3.388	8.11	2.31	1.36	1.13	1.77	0.888	3.83	8.78	1.48	16
17	1.188	28.3 B	3.108	13.8	2.74	1.23	1.08	1.78	0.806	3.04	8.86	1.368	17
18	1.138	31.8 B	2.928	10.7	4.84	1.23	1.06	1.84	0.843	2.88	16.8	1.278	18
19	1.078	11.8 B	2.748	18.8	4.36	1.40	0.828	1.48	1.83	2.72	11.8	1.328	19
20	1.038	14.0 B	2.808	20.2	3.66	1.12	0.849	1.28	2.72	7.48	8.48	1.208	20
21	3.208	33.0 B	2.428	20.4	2.88	0.804	0.776	1.16	1.88	7.14	18.7	1.808	21
22	3.228	14.0 B	2.288	16.8	2.66	0.858	2.62	1.86	1.76	8.31	18.1	1.378	22
23	3.438	12.0 B	2.178	13.3	2.16	0.788	2.48	1.33	1.76	17.0	12.6	1.228	23
24	2.188	18.4 B	2.088	11.7	1.88	0.706	1.80	1.08	1.36	15.3	9.08	1.108	24
25	1.988	10.0 B	2.008	12.8	1.76	0.861	38.4	0.987	1.22	11.6	7.40	1.308	25
26	14.3 B	7.008	8.008	12.6	2.63	0.880	20.8	0.914	1.07	8.82	8.21	1.708	26
27	8.008	8.408	12.0 B	10.4	4.78	0.788	12.6	1.20	0.836	7.48	8.43	1.048	27
28	4.808	4.868	40.0 B	8.36	3.20	1.48	8.88	1.08	0.877	8.82	8.16	1.388	28
29	3.808	4.048	28.8	8.14	2.68	2.11	8.81	0.932	0.786	8.16	28.7	1.408	29
30	3.088		18.7	21.4	1.80	1.38	13.0	1.09	0.746	8.38	18.0	1.388	30
31	2.788		11.8		1.88		7.88	1.12		4.88		1.248	31
TOTAL	78.71	281.02	208.16	487.34	191.47	52.068	181.178	87.853	28.824	194.254	319.04	97.35	TOTAL
MEAN	2.87	9.00	6.75	15.8	6.18	1.74	6.17	1.88	0.984	6.27	10.8	3.14	MEAN
MAX	14.3	33.2	40.0	41.1	31.8	3.88	38.4	8.88	2.72	17.0	35.7	13.8	MAX
MIN	1.03	2.80	2.00	8.11	1.76	0.861	0.776	0.914	0.843	0.888	4.00	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.87
MAXIMUM DAILY, 41.1 ON APR 11
MINIMUM DAILY, 0.843 ON SEP 18
MAXIMUM INSTANTANEOUS,
61.8 AT 07:52 AST ON JUL 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 35 N
LONG 61 54 15 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 890	JUL	18 900
FEB	32 600	AUG	4 880
MAR	18 100	SEP	2 880
APR	40 400	OCT	18 800
MAY	18 800	NOV	27 800
JUN	4 800	DEC	8 410

TOTAL DISCHARGE, 188 000 dam³

NOVA SCOTIA

SOUTHWEST MARGAREE RIVER NEAR UPPER MARGAREE - STATION NO. 01FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0 B	10.1	15.0	17.0E	34.6	15.7	10.6	11.4	8.31	8.10	14.6	33.7	1
2	11.6 B	11.2	16.3	20.1E	33.0	14.4	12.3	10.8	8.19	8.13	19.1	32.0	2
3	11.7 B	11.5	16.9	23.0E	33.8	14.3	11.7	10.3	8.21	8.13	21.7	31.3	3
4	11.5 B	11.4B	16.5	26.7E	35.0	14.1	11.6	10.1	8.09	8.01	20.6	30.3	4
5	11.3 B	11.3B	16.4	25.0A	34.1	14.0	10.8	9.99	8.31	7.87	19.6	29.3	5
6	11.2 B	11.0B	16.0	24.5	34.0	14.6	10.7	9.78	8.32	7.67	19.8	28.0	6
7	11.0 B	10.9B	17.6	24.3	32.8	15.1	10.3	9.58	8.04	7.14	20.8	27.2	7
8	10.8 B	10.8B	17.0	24.1	31.6	14.6	10.0	9.30	8.85	8.85	20.4	28.1	8
9	10.7 B	10.7B	16.6	26.5	30.5	14.3	9.70	9.04	8.76	8.58	20.1	25.1	9
10	10.5 B	10.8B	17.0	25.1	29.2	13.7	10.2	8.86	8.76	9.06	19.9	24.4	10
11	10.4 B	10.5B	16.9	26.0	28.3	13.6	9.87	8.24	8.82	9.88	20.4	23.4	11
12	10.2 B	10.4B	17.7	32.5	27.2	13.4	9.65	7.83	8.83	10.5	19.4	22.6	12
13	9.88B	11.1	17.3	31.1	26.2	13.0	9.26	7.83	8.84	9.84	19.1	22.0	13
14	9.80B	11.6	16.8	28.8	25.7	12.7	9.05	7.43	8.27	9.78	21.9	21.3	14
15	9.80B	11.0	16.5	29.0	24.3	12.6	8.86	7.18	8.98	10.0	21.3	20.6	15
16	9.40B	15.4	16.1	28.2	23.4	12.1	8.15	8.28	8.98	9.88	20.4	20.0	16
17	9.20B	20.2	16.0A	30.0	23.4	11.8	8.86	7.82	8.79	9.49	21.0	19.3	17
18	9.01	17.4	15.8A	29.2	23.2	11.8	8.81	7.26	8.83	9.49	25.6	18.3	18
19	8.90	17.1	15.5E	28.4	22.6	11.5	8.45	8.86	8.87	9.89	23.0	18.7	19
20	8.95B	17.5	15.2E	31.7	21.5	11.1	8.86	8.86	8.48	12.2	22.7	18.2	20
21	8.90B	18.4	14.8E	34.0	20.8	10.7	8.21	8.48	8.50	11.6	24.8	18.1	21
22	8.70B	18.8	14.8E	32.5	20.1	10.3	8.83	7.26	8.88	11.0	26.4	17.8	22
23	8.5E	18.8	14.2E	31.2	19.8	10.8	8.54	8.87	8.58	10.2	24.8	17.1	23
24	8.4E	20.2	13.8E	31.0	19.7	10.8	8.41	8.43	8.48	10.4	24.2	16.8	24
25	8.3E	19.7	13.6E	30.2	18.0	10.1	13.2	8.28	8.14	10.4	23.8	16.8	25
26	10.5	19.1	13.1E	29.7	19.8	10.1	11.8	8.24	8.12	10.0	23.2	16.6	26
27	10.8	18.6	14.6E	29.8	19.2	9.81	11.2	8.18	8.02	10.5	23.0	16.1	27
28	10.2	18.2	15.7E	28.9	17.7	10.4	11.1	8.06	8.01	10.4	28.1	15.4	28
29	10.0 B	18.4	17.8E	30.0	16.8	10.8	10.9	8.88	8.32	10.7	47.2	17.0	29
30	8.70B		18.0E	27.8	16.1	9.90	10.7	8.90	8.28	10.2	34.7	16.6	30
31	8.80B		14.3E		16.0		10.7	8.70		10.2		16.2	31
TOTAL	311.10	433.1	508.3	870.2	776.1	373.11	312.12	245.03	184.84	339.18	682.3	674.7	TOTAL
MEAN	10.0	14.8	16.4	28.0	25.0	12.4	10.1	7.90	8.15	10.9	23.1	21.8	MEAN
MAX	12.0	20.3	18.3	37.8	35.0	15.7	13.3	11.4	8.87	19.2	47.2	33.7	MAX
MIN	8.00	10.1	13.1	17.0	16.0	9.81	8.21	8.88	8.78	8.91	14.8	16.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 47.2 ON NOV 29
MINIMUM DAILY, 8.78 ON SEP 8
MAXIMUM INSTANTANEOUS,
80.5 AT 06:15 AST ON NOV 29

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 13 24 N
LONG 61 06 12 W
DRAINAGE AREA, 387 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 800	JUL	27 000
FEB	38 800	AUG	21 200
MAR	43 800	SEP	15 800
APR	75 200	OCT	29 300
MAY	67 100	NOV	59 800
JUN	32 200	DEC	58 600

TOTAL DISCHARGE, 494 000 dam³

ST. MARYS RIVER AT STILLWATER - STATION NO. 01ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.48B	80.0B	53.6	110	151	18.3	84.0E	50.3	7.78	5.38	42.8	70.2	1
2	6.43B	82.0B	51.2	106	106	20.8	200 E	44.7	8.75	4.88	46.6	69.0	2
3	6.41B	88.0B	53.1	106	83.3	18.1	150 E	38.7	4.88	4.88	118	66.8	3
4	6.38B	90.0B	55.4	106	136	16.8	82.0E	30.0	3.73	4.77	104	61.6	4
5	6.30B	84.0B	48.7	147	137	18.4	70.0E	28.5	3.88	30.8	78.7	58.0B	5
6	8.25B	88.0B	42.6	175	101	24.4	48.2A	23.3	5.31	87.8	84.1	30.0B	6
7	8.18B	70.8B	41.2	138	78.8	23.3	34.8E	18.6	8.32	88.4	83.3	28.0B	7
8	8.08B	57.0B	42.8	114	84.4	18.9	31.0E	14.7	8.72	44.3	87.3	30.8B	8
9	8.02B	48.0B	38.8	110	82.7	18.4	26.0E	13.0	8.01	48.0	78.0	17.0B	9
10	7.80B	38.0B	38.6	189	43.6	15.9	28.8E	11.8	4.77	58.7	80.9	14.2B	10
11	7.82B	34.0B	54.0	218	38.3	17.7	26.0E	10.6	4.81	52.3	83.7	13.8B	11
12	7.70B	31.0B	80.4	188	34.8	16.3	23.8E	8.81	4.44	68.4	84.2	12.2B	12
13	7.68B	27.5	87.8	117	32.2	13.7	22.2E	7.48	4.00	66.6	48.4	11.8B	13
14	7.60B	45.6	85.1	86.3	28.1	11.8	22.0E	8.48	8.84	44.2	83.1	11.5B	14
15	7.58B	65.8A	42.3	72.0	28.8	10.4	23.0E	8.82	10.8	35.1	87.2	11.2B	15
16	7.50B	81.0A	36.2	83.2	25.6	8.83	28.0E	8.81	11.7	29.5	72.8	11.0B	16
17	7.48B	313	31.6	86.3	27.1	7.28A	28.0E	8.37	11.5	24.8	64.8	10.7B	17
18	7.40B	236	26.4	101	45.3	7.00E	30.0E	10.0	9.46	21.2	65.8	10.2B	18
19	8.00B	181	28.8	125	43.2	8.80E	28.1A	8.32	14.3	20.3	84.7	10.1B	19
20	9.50B	136	26.2	180	34.7	8.70E	23.3	8.38	20.8	87.5	88.4	10.2B	20
21	19.0 B	155	23.8	197	28.1	8.80E	18.8	8.88	21.8 A	138	80.6	13.8B	21
22	30.0 B	172	22.0B	158	24.2	8.48E	20.7	8.18	15.0 E	84.7	102	15.8B	22
23	23.5 B	143	21.0B	120	20.6	8.41E	27.7	7.36	12.8 E	143	80.6	14.7B	23
24	19.5 B	134	20.7	102	17.6	8.38A	32.7	8.83	11.0 E	244	83.6	14.2B	24
25	26.8 B	138 B	20.0	88.6	15.1	8.38E	88.6	4.24	9.80E	183	83.6	14.0B	25
26	32.6 B	104 B	24.0	104	17.6	8.30E	187	3.21	8.80E	117	47.1	14.3B	26
27	114 B	76.4B	46.0	93.3	27.9	7.80E	133	3.72	7.30E	84.3	42.6	14.0B	27
28	184 B	57.8B	337	85.6	28.6	8.80A	86.3	8.38	8.43A	77.3	42.7	15.0B	28
29	88.2 B	39.6B	304	82.4	20.4	22.0 E	73.2	8.08	8.00	84.8	104	22.0B	29
30	82.1 B		177	162	18.2	80.0 E	87.4	4.24	8.47	80.7	100	21.0B	30
31	84.8 B		122		14.3		88.8	8.12		81.0		18.0B	31
TOTAL	784.78	2 726.8	1 817.1	3 728.8	1 832.8	427.88	1 831.8	404.88	264.12	1 888.10	2 151.0	950.4	TOTAL
MEAN	25.3	94.0	61.8	124	49.4	14.3	88.1	13.1	8.47	84.1	71.8	21.0	MEAN
MAX	184	238	304	218	151	80.0	200	80.3	21.8	244	118	70.2	MAX
MIN	7.40	27.5	20.0	83.2	14.3	8.30	18.8	3.21	3.88	4.77	42.8	10.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.3
MAXIMUM DAILY, 304 ON MAR 28
MINIMUM DAILY, 3.21 ON AUG 26
MAXIMUM INSTANTANEOUS,
352 AT 02:48 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 24 N
LONG 61 56 54 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	87 800	JUL	188 000
FEB	238 000	AUG	35 000
MAR	186 000	SEP	22 000
APR	322 000	OCT	172 000
MAY	132 000	NOV	188 000
JUN	38 800	DEC	88 200

TOTAL DISCHARGE, 1 880 000 dam³

TUSKET RIVER AT WILSON'S BRIDGE - STATION NO. 01EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.9B	46.5	46.6	49.2	36.5	18.1	33.9	71.9	12.7	11.6	30.5	140	1
2	19.1B	44.6	43.2	44.4	39.2	17.2	32.5	65.6	14.1	11.0	32.2	144	2
3	18.8B	47.3	38.1	41.1	41.0	18.1	28.6	56.8	13.9	10.3	36.9	120	3
4	18.4B	56.1	35.0	38.1	39.8	15.2	24.5	48.7	13.3	10.0	43.4	95.4	4
5	18.2B	70.3	37.9	39.4	35.7	16.9	21.4	41.0	14.6	10.9	51.6	76.9	5
6	17.9B	80.1	38.7	41.0	32.7	17.9	19.5	34.6	15.1	11.7	55.8	63.1	6
7	17.7B	77.5	36.9	51.2	29.2	17.0	19.4	29.3	14.6	12.0	55.2	54.2	7
8	17.3B	69.2	34.5	61.4	25.9	15.5	20.3	25.1	14.6	12.4	52.0	46.7	8
9	17.1B	60.6	33.0	61.8	22.9	16.7	19.3	22.2	14.6	13.7	48.0	41.2	9
10	16.8B	52.6	31.8	56.1	23.0	16.9	17.9	20.3	14.6	15.2	43.9	36.5	10
11	16.7B	46.1	31.0	49.8	23.4	16.6	16.5	18.5	14.7	15.4	40.9	32.7	11
12	16.4B	39.6	30.6	43.7	22.6	16.2	15.8	16.8	14.3	16.3	38.2	29.0	12
13	16.3B	41.2	30.5	36.6	21.2	15.6	16.9	15.2	10.7	15.6	36.2	31.4	13
14	16.0B	44.9	30.4	34.6	20.0	16.6	16.1	14.0	10.6	15.4	37.9	33.0	14
15	15.9B	49.7	29.9	31.6	19.1	17.0	15.7	13.2	13.0	15.2	39.9	32.1	15
16	15.7B	66.2	27.9	29.6	17.8	16.1	15.1	12.3	13.2	15.1	42.6	30.9	16
17	15.8B	108	28.9	31.7	17.5	15.4	14.4	11.6	12.6	14.5	44.9	28.9	17
18	15.6B	141	25.7	35.2	17.0	15.2	13.9	10.7	12.6	13.5	48.2	26.1	18
19	15.4B	157	24.4	40.4	16.3	14.8	13.2	9.71	14.2	12.9	50.0	26.8	19
20	20.1	141	23.6	45.0	15.6	13.8	12.7	8.87	14.9	13.6	51.9	25.6	20
21	24.3	120	22.8	47.2	15.3	13.1	11.9	8.09	15.4	14.2	61.3	25.6	21
22	20.5	110	22.3	47.5	14.7	13.7	13.2	7.50	15.4	15.3	73.5	25.4	22
23	35.9	105	21.5	46.7	14.2	14.6	16.9	6.62	14.5	20.3	88.0	25.6	23
24	41.7	97.4	21.2	42.9	13.9	14.6	19.6	5.94	12.9	25.5	91.6	25.7	24
25	42.9	86.1	20.9	40.6	13.7	13.6	30.6	5.52	11.9	31.6	95.0	26.3	25
26	47.0	80.5	20.5	38.2	14.5	16.0	42.5	5.30	11.1	37.0	73.4	31.1	26
27	53.6	72.4	20.7	36.7	13.5	20.2	55.0	10.4	10.1	38.5	82.2	33.3	27
28	55.5	64.5	23.2	34.5	13.4	20.9	63.2	5.85	9.14	36.5	67.2	36.6	28
29	62.7	56.7	27.5	34.1	14.6	24.1	63.9	5.31	9.05	34.6	73.6	45.5	29
30	60.9		36.0	35.1	15.9	30.0	65.8	4.88	11.4	32.6	102	63.2	30
31	64.5		43.8		17.5		70.6	6.88		31.4		80.5	31
TOTAL	859.2	2 238.1	939.8	1 264.1	678.1	505.2	839.0	623.78	395.59	585.3	1 645.7	1 507.7	TOTAL
MEAN	27.7	77.2	30.3	42.1	21.9	16.8	27.1	20.1	13.2	18.9	54.9	48.6	MEAN
MAX	62.7	157	46.6	61.8	41.0	30.0	70.6	71.9	15.4	38.5	102	144	MAX
MIN	15.4	39.6	20.5	29.6	13.4	13.1	11.9	4.88	9.05	10.0	30.5	25.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.0
MAXIMUM DAILY, 157 ON FEB 19
MINIMUM DAILY, 4.88 ON AUG 30
MAXIMUM INSTANTANEOUS,
159 AT 10:55 AST ON FEB 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 24 N
LONG 65 52 12 W
DRAINAGE AREA, 1 070 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	74 200	JUL	72 500
FEB	193 000	AUG	53 900
MAR	81 200	SEP	34 200
APR	109 000	OCT	50 600
MAY	58 600	NOV	142 000
JUN	43 700	DEC	130 000

TOTAL DISCHARGE, 1 040 000 dam³

WALLACE RIVER AT WENTWORTH CENTRE - STATION NO. 01DN004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.90B	6.50B	6.38	21.5	33.9	5.95	2.95	3.18	2.86	1.22	12.3	22.4	1
2	2.78B	17.6 B	6.02	22.3	27.1	7.15	3.73	3.06	1.95	1.26	16.2	17.8	2
3	2.66B	12.0 B	7.43	22.9	30.3	6.74	2.89	3.03	1.79	1.22	19.2	14.9	3
4	2.60B	9.00B	7.20B	31.7	71.6	5.62	2.10	2.88	1.73	1.22	14.7	13.2	4
5	2.50B	7.80B	6.79	46.4	43.0	6.00	1.86	2.50	3.40	8.22	12.8	10.7	5
6	2.42B	6.60B	6.65B	30.9	41.8	6.48	1.76	2.27	2.40	8.95	11.8	8.72	6
7	2.36B	5.90B	6.40B	23.7	39.4	5.50	1.59	2.02	2.48	4.36	13.3	9.87	7
8	2.29B	5.40B	5.84	20.7	30.9	4.84	1.52	1.91	1.62	3.59	12.6	7.97	8
9	2.23B	4.90B	5.60B	23.6	25.0	4.24	1.42	1.62	1.46	7.27	11.0	6.45	9
10	2.17B	4.45B	5.72	87.2	23.1	4.36	1.39	1.56	1.45	7.04	10.8	6.04	10
11	2.12B	4.20B	6.10	87.3	23.6	4.45	1.31	1.56	1.82	6.13	13.0	5.85B	11
12	2.07B	3.95B	7.60B	33.1	25.8	3.81	1.29	1.46	1.65	5.66	12.7	5.15B	12
13	2.70B	6.70B	6.75B	23.2	20.6	3.26	1.24	1.46	1.39	5.26	10.7	4.80B	13
14	3.20B	7.30B	5.73	16.5	16.4	3.12	1.16	1.40	1.40	4.48	16.7	4.40B	14
15	2.70B	8.30B	5.32	15.6	16.1	3.04	1.14	1.87	1.61	4.65	16.2	4.00B	15
16	2.53B	8.90B	4.99	14.6	12.6	2.70	1.07	2.82	1.71	4.33	12.2	3.72B	16
17	2.34B	14.3 B	4.82	19.6	12.9	2.43	1.12	2.16	1.63	3.84	11.1	3.40B	17
18	2.24B	11.9 B	4.79B	17.7	12.4	3.83	1.26	2.05	1.37	3.53	16.2	3.14B	18
19	5.30B	9.70B	4.76	35.6	10.6	3.64	1.24	1.90	2.35	9.03	14.1	2.94B	19
20	8.35B	9.00B	4.61	37.3	9.63	2.88	1.33	1.60	2.38	135 E	12.2	2.83B	20
21	11.7 B	28.0 B	4.48	29.9	8.65	2.37	1.13	1.52	1.84	60.2	30.4	3.40B	21
22	9.30B	70.0 B	4.45B	27.3	8.03	2.17	2.82	3.25	1.95	26.6	33.3	2.85B	22
23	6.30B	37.6	4.30B	26.2	7.27	2.36	2.53	2.42	1.82	46.6	21.1	2.70B	23
24	4.15B	23.9	4.24	23.9	6.54	2.72	2.19	1.78	1.68	31.2	16.6	2.45B	24
25	3.20B	16.7	5.30	21.2	7.41	2.08	15.7	1.64	1.50	23.9	14.1	3.10B	25
26	5.50B	14.9	8.40	24.7	11.8	2.36	6.83	1.52	1.34	20.1	12.9	2.84B	26
27	18.0 B	12.6	31.0 B	33.0	9.60	2.87	6.24	1.90	1.21	15.9	11.5	2.40B	27
28	12.8 B	11.6	84.0	36.1	7.32	3.12	6.43	1.61	1.29	14.1	17.0	2.85B	28
29	9.40B	9.60	45.8	41.2	6.28	2.61	6.61	1.42	1.54	17.0	84.4	3.45B	29
30	7.20B		26.2	43.6	5.80	2.20	6.23	3.03	1.38	14.7	31.9	2.90B	30
31	6.60B		20.4		5.57		3.91	4.05		12.9		2.25B	31
TOTAL	150.82	391.30	365.53	902.0	613.28	114.59	94.74	66.27	53.89	493.07	523.5	188.77	TOTAL
MEAN	4.86	13.5	11.8	30.1	19.8	3.82	3.06	2.14	1.80	15.9	17.5	6.09	MEAN
MAX	18.0	70.0	84.0	87.3	71.6	7.15	15.7	4.05	3.40	135	84.4	22.4	MAX
MIN	2.07	3.95	4.24	14.6	5.57	2.08	1.07	1.40	1.21	1.22	10.7	2.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 135E ON OCT 20
MINIMUM DAILY, 1.07 ON JUL 16
MAXIMUM INSTANTANEOUS,
246E AT 10:54 AST ON OCT 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 42 N
LONG 63 33 35 W
DRAINAGE AREA, 269 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 000	JUL	8 190
FEB	33 800	AUG	5 730
MAR	31 600	SEP	4 660
APR	77 900	OCT	42 600
MAY	53 000	NOV	45 200
JUN	9 900	DEC	16 300

TOTAL DISCHARGE, 342 000 dam³

REMARKS - THE E FOR DISCHARGE ABOVE 133 IS DUE TO CURVE EXTENSION

WESTFIELD RIVER NEAR NORTH BROOKFIELD - STATION NO. 01EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.188	8.37	8.22	8.70	8.86	0.741	0.382	8.86	0.378	0.857	8.28	17.8	1
2	2.088	8.18	8.37	8.80	8.31	0.738	0.388	8.84	0.348	0.818	7.33	18.8	2
3	1.988	8.88	4.78	8.27	8.83	0.838	0.381	4.38	0.337	0.888	13.3	13.3	3
4	1.838	8.27	4.33	7.88	8.88	0.888	0.488	3.78	0.318	0.828	18.8	11.3	4
8	1.878	7.288	4.18	8.11	8.28	0.888	0.488	3.24	0.418	0.872	18.8	8.38	8
6	1.838	8.888	3.78	8.81	4.88	0.877	0.384	2.78	0.383	0.848	14.1	7.84	6
7	1.788	8.858	3.38	8.78	4.48	0.848	0.361	2.38	0.388	1.84	13.4	8.81	7
8	1.748	8.388	3.13	18.8	4.82	0.818	0.342	2.18	0.378A	1.22	12.8	8.58	8
8	1.728	4.878	2.88	18.8	3.81	0.813	0.327	1.88	0.358E	1.38	18.7	4.88	8
18	1.878	4.488	2.88	18.8	3.18	0.818	0.318	1.82	0.348E	1.44	8.28	4.888	18
11	1.848	4.188	2.78	8.78	2.84	0.811	0.288	1.41	0.338E	1.88	8.38	3.878	11
12	1.818	3.788	2.78	8.44	2.88	0.482	0.283	1.28	0.328E	1.88	7.42	3.188	12
13	1.888	3.888	2.83	7.21	2.88	0.488	0.288	1.88	0.317E	1.88	8.83	2.878	13
14	1.888	4.838	2.43	8.38	2.38	0.481	0.278	0.843	0.488E	1.88	8.82	2.828	14
18	1.848	4.88	2.31	8.81	2.14	0.433	0.284	0.822	0.884E	1.83	7.82	2.388	18
18	1.828	8.88	2.18	8.38	1.88	0.424	0.288	0.880	8.388E	1.82	8.88	2.178	18
17	1.488	18.8	2.88	8.88	1.78	0.418	0.288	0.883	0.488E	1.87	8.48	2.888	17
18	1.488	11.4	1.88	8.34	1.88	0.438	0.243	0.882	0.448E	1.87	8.82	2.828	18
18	1.878	11.8	1.87	8.84	1.82	0.418	0.237	0.824	0.478A	1.78	8.83	2.88	18
28	1.888	11.3	1.87	8.88	1.41	0.388	0.228	0.888	0.477	3.13	8.83	1.88	28
21	1.838	11.8	1.88	7.38	1.28	0.377	0.227	0.482	0.508	4.88	8.42	1.81	21
22	2.888	12.1	1.81	7.18	1.28	0.383	0.388	0.488	0.888	4.88	12.1	1.72	22
23	2.488	11.7	1.88	8.88	1.12	0.348	0.398	0.433	0.832	5.48	12.8	1.88	23
24	2.788	11.8	1.58	8.38	1.13	0.338	0.628	0.488	0.852	5.84	11.8	1.88	24
25	3.88	11.8	1.82	8.27	1.88	0.288	1.17	0.388	0.838	8.82	18.8	1.62	25
26	3.78	18.8	1.78	8.28	1.88	0.321	1.83	0.483	0.848	7.88	8.83	1.82	26
27	8.88	8.78	2.42	8.23	1.83	0.388	2.82	0.387	0.848	7.48	7.83	1.87	27
28	8.88	8.47	4.88	8.88	0.888	0.378	3.72	0.378	0.838	8.78	7.48	1.88	28
28	8.42	7.38	8.83	8.14	0.883	0.383	4.88	0.371	0.828	8.73	12.7	2.88	29
38	8.11		18.1	8.48	0.834	0.377	8.77	0.384	0.872	8.48	17.3	3.12	38
31	8.88		18.3		0.778		8.88	0.487		8.84		3.38	31
TOTAL	78.48	224.74	118.88	227.24	82.151	13.834	34.117	48.414	14.878	98.384	288.88	144.85	TOTAL
MEAN	2.88	7.78	3.88	7.87	2.88	0.484	1.18	1.58	0.488	3.11	8.88	4.87	MEAN
MAX	8.42	12.1	18.3	18.8	8.88	0.741	8.88	8.88	0.852	7.88	17.3	17.8	MAX
MIN	1.48	3.78	1.58	8.38	0.778	0.288	0.228	0.371	0.318	0.888	8.28	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.74
MAXIMUM DAILY, 17.8 ON DEC 1
MINIMUM DAILY, 0.228 ON JUL 28
MAXIMUM INSTANTANEOUS,
18.4 AT 03:58 AST ON DEC 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 24 22 N
LONG 64 58 17 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 870	JUL	2 880
FEB	18 400	AUG	4 010
MAR	8 810	SEP	1 220
APR	18 800	OCT	8 230
MAY	7 100	NOV	25 700
JUN	1 200	DEC	12 800

TOTAL DISCHARGE, 118 000 dam³

WHITEBURN BROOK BELOW POLLOCK LAKE - STATION NO. 01EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.434	---	---	---	---	---	0.186	---	---	---	---	1
2	---	---	---	---	0.811	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	0.018	---	---	0.016	---	---	3
4	0.385	---	---	0.380	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	0.015	---	---	0.413	5
6	---	---	---	---	---	0.059	---	---	---	---	---	---	6
7	---	---	0.330	---	---	---	---	---	---	---	0.078	---	7
8	---	2.82	---	---	---	---	---	0.085	---	---	---	---	8
9	---	---	---	---	0.217	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	0.055	---	---	10
11	0.437	---	---	1.42	---	---	0.004	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	0.013	---	---	0.885	12
13	---	---	---	---	---	0.027	---	---	---	---	---	---	13
14	---	---	0.192	---	---	---	---	---	---	---	0.718	---	14
15	---	3.30	---	---	---	---	---	0.034	---	---	---	---	15
16	---	---	---	---	0.123	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	0.388	---	---	0.448	---	---	0.004	---	---	0.048	---	---	18
19	---	---	---	---	---	---	---	---	0.038	---	---	0.588	19
20	---	---	---	---	---	0.018	---	---	---	---	---	---	20
21	---	---	0.101	---	---	---	---	---	---	---	3.14	---	21
22	---	1.80	---	---	---	---	---	0.018	---	---	---	---	22
23	---	---	---	---	0.088	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	0.480	---	---	24
25	0.883	---	---	0.788	---	---	0.023	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	0.020	---	---	0.287	26
27	---	---	---	---	---	0.048	---	---	---	---	---	---	27
28	---	---	0.783	---	---	---	---	---	---	---	0.583	---	28
29	---	0.388	---	---	---	---	---	0.013	---	---	---	---	29
30	---		---	---	0.041	---	---	---	---	---	---	---	30
31	---		---		---		---	---		0.287		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 21 10 N
LONG 65 05 27 W
DRAINAGE AREA, 8.49 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BOUGHTON RIVER NEAR UPTON - STATION NO. 01CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	0.788	---	2
3	---	---	---	---	---	---	---	0.208	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	0.378	---	---	0.808	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	0.432	---	---	---	---	0.888	---	8
9	---	---	---	---	---	---	---	0.173	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	0.284	---	---	---	11
12	---	---	---	---	---	---	0.300	---	---	0.681	---	---	12
13	---	---	---	---	---	---	---	---	---	---	0.822	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	0.292	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	0.385	---	---	18
19	---	---	---	---	---	---	0.388	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	0.311	---	0.838	---	21
22	---	---	---	---	---	0.288	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	0.300	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	0.321	0.237	---	0.880	---	---	26
27	---	---	---	---	---	---	---	---	0.269	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	0.259		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 20 31 N
LONG 62 31 63 W
DRAINAGE AREA, 22.8 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BRUDENELL RIVER AT BRUDENELL - STATION NO. 01CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.888	0.873	1.08	2.88	2.86	1.14	0.852	0.431	0.422	0.428	0.805	1.22	1
2	0.885	0.728	1.08	2.72	2.38	1.08	0.783	0.408	0.400	0.418	1.08	1.21	2
3	0.833	0.730	1.03	2.78	2.86	1.02	0.840	0.408	0.410	0.420	1.17	1.18	3
4	0.842	0.8008	1.00	3.10	3.78	0.970	0.877	0.404	0.381	0.407	1.01	1.21	4
5	0.860	0.8908	1.01	3.18	3.88	0.988	0.888	0.444	0.428	0.708	0.981	1.18	5
6	0.848	0.812	0.980	2.77	2.38	1.00	0.881	0.488	0.428	0.801	0.870	1.12	6
7	0.828	0.885	0.847	2.81	2.28	0.940	0.883	0.424	0.382	0.481	1.10	1.18	7
8	0.837	0.888	0.933	2.78	2.13	0.888	0.882	0.414	0.382	0.408	1.00	1.14	8
9	0.882	0.873	0.904	3.33	2.03	0.887	0.847	0.410	0.377	0.470	0.980	1.08	9
10	0.889	0.888	0.883	3.89	1.98	0.848	0.884	0.403	0.808	0.482	0.837	1.05	10
11	0.848	0.881	1.05	3.33	1.83	0.828	0.830	0.382	0.858	0.483	0.882	0.883	11
12	0.846	0.871	0.880	2.84	1.82	0.781	0.818	0.388	0.484	0.482	0.827	0.858	12
13	0.871	0.832	0.887	2.44	1.83	0.784	0.802	0.388	0.428	0.441	0.880	0.843	13
14	0.873	0.840	0.882	2.38	1.78	0.748	0.480	0.402	0.424	0.412	1.04	0.838	14
15	0.885	0.802	0.854	2.34	1.89	0.731	0.884	0.418	0.438	0.888	0.981	0.857	15
16	0.844	0.842	0.887	2.25	1.88	0.708	0.488	0.827	0.431	0.471	0.823	0.881	16
17	0.820	0.8708	0.842	3.28	1.78	0.888	0.484	0.484	0.404	0.427	0.883	0.888	17
18	0.830	0.7388	0.824	3.23	1.84	0.788	0.808	0.442	0.400	0.428	1.11	0.918	18
19	0.890	0.871	0.821	2.70	1.84	0.704	0.482	0.417	0.448	0.483	0.948	0.881	19
20	0.888	0.728	0.807	2.80	1.81	0.880	0.478	0.393	0.437	2.87	0.887	0.858	20
21	0.878	1.01	0.818	2.83	1.48	0.883	0.484	0.382	0.428	1.01	1.85	0.988	21
22	0.881	0.818	0.803	2.73	1.40	0.827	0.882	0.488	0.477	0.888	1.44	1.07	22
23	0.888	0.823	0.783	2.88	1.30	0.888	0.821	0.381	0.441	1.78	1.08	0.848	23
24	0.838	1.34	0.807	2.43	1.28	0.885	0.828	0.370	0.433	1.20	1.04	0.832	24
25	0.828	1.14	0.818	2.78	1.28	0.888	0.781	0.388	0.411	0.987	1.04	0.818	25
26	0.788	1.04	0.818	2.81	1.33	0.738	0.873	0.388	0.388	0.858	1.03	0.900	26
27	0.822	1.03	2.38	2.87	1.24	0.888	0.808	0.418	0.408	0.833	1.03	0.813	27
28	0.843	1.03	4.20	2.48	1.18	0.880	0.480	0.403	0.428	0.826	1.38	0.885	28
29	0.884	1.03	2.78	2.80	1.10	0.834	0.473	0.387	0.488	0.887	2.31	1.08	29
30	0.878		2.24	3.03	1.08	0.878	0.453	0.848	0.428	0.848	1.28	0.883	30
31	0.878		2.38		1.12		0.438	0.488		0.822		0.778	31
TOTAL	17.821	22.807	37.814	82.24	55.88	23.702	17.148	13.208	12.883	22.884	33.174	30.788	TOTAL
MEAN	0.878	0.778	1.21	2.74	1.80	0.790	0.883	0.428	0.430	0.738	1.11	0.882	MEAN
MAX	0.822	1.34	4.20	3.88	3.78	1.14	0.882	0.827	0.858	2.87	2.31	1.22	MAX
MIN	0.828	0.881	0.783	2.23	1.08	0.888	0.438	0.370	0.377	0.408	0.880	0.778	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 4.20 ON MAR 28
MINIMUM DAILY, 0.370 ON AUG 24
MAXIMUM INSTANTANEOUS,
4.68 AT 02:47 AST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 13 07 N
LONG 62 38 23 W
DRAINAGE AREA, 33.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 840	JUL	1 480
FEB	1 840	AUG	1 140
MAR	3 240	SEP	1 110
APR	7 110	OCT	1 980
MAY	4 830	NOV	2 870
JUN	2 050	DEC	2 880

TOTAL DISCHARGE, 32 000 dam³

PRINCE EDWARD ISLAND

CARDIGAN RIVER ABOVE CARDIGAN - STATION NO. 01CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	0.245	---	0.240	---	---	2
3	---	---	---	---	---	---	0.304	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	0.321	---	0.235	0.518	---	---	6
7	---	---	---	---	---	0.469	---	0.255	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	0.588	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	0.279	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	0.385	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	0.255	---	---	---	13
14	---	---	---	---	---	---	---	0.277	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	0.505	---	15
16	---	---	---	---	---	---	---	---	---	0.351	---	---	16
17	---	---	---	---	---	---	0.287	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	0.384	0.288	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	0.261	---	---	---	20
21	---	---	---	---	---	---	---	0.289	---	---	1.78	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	0.980	---	---	23
24	---	---	---	---	---	---	0.485	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	0.280	---	---	---	25
26	---	---	---	---	---	0.625	---	0.230	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	0.230	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	0.725	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 15 18 N
LONG 62 38 30 W
DRAINAGE AREA, 21.4 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

CARRUTHERS BROOK NEAR ST. ANTHONY - STATION NO. 01CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.470e	0.303e	0.580e	4.88	2.56	0.588	0.357	0.180	0.158	0.177	0.411	1.08	1
2	0.420e	0.360e	0.585e	4.83	1.88	0.681	0.422	0.178	0.148	0.187	1.13	1.85	2
3	0.385e	0.430e	0.545e	4.48	1.62	0.838	0.343	0.178	0.167	0.174	1.87	1.22	3
4	0.420e	0.800e	0.525e	5.42	1.60	0.478	0.290	0.172	0.182	0.173	1.18	1.11	4
5	0.405e	0.530e	0.505e	4.92	1.58	0.488	0.280	0.174	0.198	0.234	0.857	0.891	5
6	0.380e	0.480e	0.480e	3.48	1.38	0.542	0.248	0.185	0.208	0.388	0.778	0.771	6
7	0.370e	0.420e	0.470e	3.00	1.18	0.484	0.244	0.173	0.171	0.323	0.788	0.714	7
8	0.354e	0.380e	0.481e	2.84	1.04	0.434	0.228	0.181	0.158	0.278	0.692	0.680e	8
9	0.332e	0.356e	0.445e	3.33	0.932	0.388	0.218	0.178	0.148	0.331	0.883	0.842	9
10	0.318e	0.338e	0.438e	8.31	0.889	0.374	0.212	0.173	0.138	0.442	0.874	0.898e	10
11	0.303e	0.318e	0.425e	6.78	0.805	0.362	0.210	0.188	0.137	0.492	0.882	0.850e	11
12	0.290e	0.295e	0.500e	3.58	0.870	0.348	0.211	0.171	0.137	0.634	0.806	0.818e	12
13	0.278e	0.328e	0.440e	2.58	0.878	0.333	0.205	0.172	0.138	0.484	0.532	0.488e	13
14	0.268e	0.310e	0.400e	2.26	0.790	0.319	0.192	0.174	0.158	0.388	0.889	0.480e	14
15	0.280e	0.420e	0.360e	2.07	0.894	0.318	0.218	0.175	0.181	0.345	0.881	0.442	15
16	0.252e	0.850e	0.370e	2.01	0.843	0.305	0.206	0.183	0.153	0.310	0.894	0.438	16
17	0.244e	0.780e	0.358e	2.23	0.848	0.305	0.180	0.184	0.158	0.297	0.848	0.420e	17
18	0.238e	0.640e	0.348e	2.41	0.763	0.340	0.177	0.173	0.144	0.281	0.830	0.408e	18
19	0.260e	0.478e	0.338e	2.80	0.739	0.326	0.178	0.172	0.195	0.288	0.879	0.380e	19
20	0.360e	0.420e	0.330e	2.82	0.675	0.304	0.214	0.184	0.188	0.889	0.588	0.380e	20
21	0.310e	0.880e	0.322e	2.87	0.833	0.290	0.198	0.158	0.178	0.520	2.03	0.474	21
22	0.288e	0.410e	0.316e	3.43	0.880	0.286	0.181	0.153	0.202	0.485	2.01	0.437	22
23	0.270e	0.770e	0.308e	3.36	0.843	0.284	0.187	0.148	0.177	2.30	1.38	0.410e	23
24	0.260e	0.740e	0.300e	3.80	0.837	0.283	0.188	0.142	0.161	1.84	1.08	0.383	24
25	0.245e	0.710e	0.430e	3.87	0.821	0.288	0.180	0.134	0.154	1.23	0.843	0.404	25
26	0.288e	0.880e	1.10 e	3.37	0.782	0.258	0.178	0.147	0.152	1.00	0.725	0.418	26
27	0.378e	0.850e	2.35 e	3.61	0.718	0.257	0.178	0.154	0.152	0.778	0.880	0.394	27
28	0.350e	0.820e	7.70 e	3.02	0.805	0.247	0.178	0.140	0.185	0.609	2.07	0.388e	28
29	0.338e	0.805e	5.87	2.67	0.848	0.245	0.180	0.143	0.180	0.570	5.78	0.370e	29
30	0.328e		5.51	2.88	0.883	0.252	0.181	0.183	0.183	0.520	3.19	0.400e	30
31	0.315e		4.92		0.518		0.178	0.184		0.455		0.400e	31
TOTAL	9.974	16.291	39.039	105.84	28.878	10.735	5.834	5.208	4.885	17.215	36.132	18.152	TOTAL
MEAN	0.322	0.528	1.26	3.53	0.838	0.358	0.220	0.188	0.163	0.555	1.20	0.818	MEAN
MAX	0.470	0.880	7.70	6.78	2.56	0.588	0.422	0.193	0.208	2.30	5.78	1.85	MAX
MIN	0.238	0.295	0.300	2.01	0.483	0.245	0.178	0.134	0.137	0.167	0.411	0.370	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.818
MAXIMUM DAILY, 7.70 e ON MAR 28
MINIMUM DAILY, 0.134 ON AUG 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 38 N
LONG 64 11 05 W
DRAINAGE AREA, 46.6 km²

e - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	882	JUL	580
FEB	1 320	AUG	460
MAR	3 370	SEP	422
APR	9 150	OCT	1 480
MAY	2 500	NOV	3 120
JUN	928	DEC	1 850

TOTAL DISCHARGE, 25 900 dam³

CLYDE RIVER NEAR CLYDE RIVER - STATION NO. 01CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	2.81	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	0.345	---	0.288	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	2.08	---	0.534	---	---	---	---	---	---	8
9	---	---	---	---	---	0.510	---	---	---	---	0.589	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	0.248	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	0.358	---	---	---	---	16
17	---	---	---	---	---	0.424	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	0.327	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	0.573	---	---	21
22	---	---	---	---	---	---	0.358	0.248	---	---	0.885	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	0.395	---	---	---	---	---	---	24
25	---	---	---	---	0.745	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	0.193	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	8.21	2.00	---	---	0.354	---	0.205	---	---	---	28
29	---	---	2.73	---	---	---	---	---	---	---	1.82	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	0.228		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 14 06 N
LONG 63 15 39 W
DRAINAGE AREA, 28.6 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DUNK RIVER AT WALL ROAD - STATION NO. 01CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.805	1.88	3.85	6.88	8.37	3.28	2.07	1.39	1.17	1.17	2.30	3.84	1
2	1.638	2.34	3.52	6.71	7.83	3.13	2.07	1.35	1.14	1.17	2.21	3.78	2
3	1.488	2.86	3.37	6.86	7.88	3.01	1.96	1.33	1.12	1.14	2.50	3.87	3
4	1.808	3.405	3.14	6.82	10.4	2.89	1.82	1.35	1.12	1.15	2.30	3.33	4
5	1.878	3.108	3.10	10.8	8.70	2.84	1.78	1.38	1.13	1.17	2.18	3.11	5
6	1.888	2.828	3.21	9.18	8.17	3.02	1.76	1.38	1.13	1.24	2.04	2.95	6
7	1.828	2.808	2.88	8.81	7.80	2.84	1.71	1.31	1.14	1.27	2.22	3.67	7
8	1.808	2.408	2.84	9.03	7.38	2.73	1.69	1.36	1.13	1.28	2.24	3.88	8
9	1.488	2.238	2.78	8.82	8.78	2.82	1.88	1.33	1.11	1.31	2.10	2.72	9
10	1.488	2.108	2.74	12.2	8.27	2.82	1.88	1.30	1.14	1.38	2.10	2.88	10
11	1.448	1.888	2.87	13.4	8.82	2.88	1.83	1.31	1.13	1.81	2.05	2.808	11
12	1.438	1.838	2.88	10.8	8.85	2.48	1.43	1.30	1.11	1.84	2.01	2.428	12
13	1.438	1.788	2.87	9.01	8.31	2.41	1.37	1.27	1.11	1.78	1.81	2.388	13
14	1.378	1.888	2.38	8.18	8.01	2.41	1.44	1.27	1.11	1.81	2.28	2.288	14
15	1.388	2.308	2.22	7.48	4.74	2.48	1.80	1.27	1.07	1.81	2.35	2.23	15
16	1.328	3.208	2.18	7.00	3.48	2.43	1.48	1.33	1.07	1.48	2.08	2.20	16
17	1.288	2.808	2.13	6.81	4.48	2.33	1.48	1.34	1.08	1.45	2.04	2.188	17
18	1.268	2.628	2.11	6.08	4.78	2.46	1.49	1.32	1.08	1.43	2.28	2.17	18
19	2.008	2.358	2.10	6.70	4.62	2.41	1.44	1.32	1.08	1.48	2.18	2.148	19
20	1.738	2.188	2.08	7.18	4.14	2.34	1.48	1.28	1.08	4.41	2.07	2.108	20
21	1.728	3.808	2.00	7.48	4.04	2.33	1.44	1.25	1.10	3.70	2.74	2.75	21
22	1.698	3.208	2.03	7.18	3.98	2.30	1.48	1.25	1.10	2.74	5.05	3.80	22
23	1.678	3.64A	1.88	6.82	3.78	2.38	1.45	1.24	1.08	4.22	4.38	2.38	23
24	1.688	4.40	1.80	6.63	3.87	2.38	1.48	1.20	1.10	4.73	3.34	2.10	24
25	1.82	4.38	1.84	8.73	3.82	2.17	1.47	1.20	1.04	3.83	3.24	2.74	25
26	1.83	4.11	2.32	8.78	3.78	2.31	1.48	1.18	1.04	3.31	2.94	2.95	26
27	2.18	4.02	11.7	7.42	3.88	2.32	1.41	1.17	1.04	2.89	2.73	2.24	27
28	2.108	3.82	28.8	7.81	3.28	2.14	1.38	1.18	1.08	2.78	3.02	2.18	28
29	2.018	3.77	17.7	8.18	3.22	2.08	1.40	1.12	1.14	2.82	4.88	2.92	29
30	1.888		11.7	8.73	3.18	2.08	1.37	1.15	1.18	2.48	4.24	2.488	30
31	1.828		8.48		3.18		1.37	1.14		2.33		2.188	31
TOTAL	50.23	83.37	146.80	251.08	188.48	75.88	48.88	38.48	33.17	88.38	79.82	83.88	TOTAL
MEAN	1.62	2.87	4.73	8.37	8.37	2.52	1.87	1.27	1.11	2.14	2.88	2.87	MEAN
MAX	2.18	4.40	28.8	13.4	10.4	3.28	2.07	1.38	1.18	4.73	5.05	3.80	MAX
MIN	1.28	1.88	1.80	6.08	3.18	2.08	1.37	1.12	1.04	1.14	1.81	2.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.07
MAXIMUM DAILY, 28.8 ON MAR 28
MINIMUM DAILY, 1.04 ON SEP 25
MAXIMUM INSTANTANEOUS,
35.7 AT 04:25 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 45 N
LONG 63 38 03 W
DRAINAGE AREA, 114 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 340	JUL	4 200
FEB	7 200	AUG	3 410
MAR	12 700	SEP	2 870
APR	21 700	OCT	8 740
MAY	14 400	NOV	6 900
JUN	6 540	DEC	7 180

TOTAL DISCHARGE, 97 200 dam³

EMERALD BROOK NEAR EMERALD - STATION NO. 01CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.038	0.041	0.086	0.388	0.351	0.183	0.086	0.052	0.034	0.024	0.036	0.084	1
2	0.037	0.045	0.089	0.384	0.348	0.158	0.071	0.048	0.036	0.024	0.047	0.080	2
3	0.034	0.045	0.088	0.388	0.388	0.148	0.071	0.048	0.035	0.028	0.040	0.081	3
4	0.036	0.045	0.085	0.437	0.401	0.142	0.089	0.047	0.033	0.024	0.038	0.084	4
5	0.037	0.048	0.080	0.408	0.349	0.140	0.088	0.047	0.035	0.028	0.038	0.087	5
6	0.034	0.042	0.083	0.383	0.385	0.135	0.087	0.048	0.035	0.028	0.041	0.088	6
7	0.034	0.040	0.083	0.387	0.322	0.128	0.088	0.044	0.033	0.027	0.043	0.083	7
8	0.033	0.041	0.081	0.388	0.310	0.124	0.088	0.043	0.030	0.027	0.039	0.083	8
9	0.031	0.041	0.080	0.408	0.320	0.120	0.086	0.045	0.030	0.032	0.038	0.082	9
10	0.032	0.042	0.085	0.487	0.288	0.117	0.087	0.049	0.030	0.031	0.040	0.088	10
11	0.033	0.042	0.084	0.411	0.281	0.118	0.085	0.048	0.029	0.031	0.038	0.089	11
12	0.032	0.040	0.078	0.390	0.282	0.110	0.083	0.044	0.030	0.028	0.037	0.080	12
13	0.034	0.048	0.078	0.393	0.277	0.108	0.086	0.045	0.034	0.027	0.036	0.083	13
14	0.034	0.048	0.078	0.380	0.288	0.098	0.086	0.041	0.038	0.027	0.058	0.085	14
15	0.034	0.048	0.078	0.367	0.244	0.104	0.084	0.041	0.042	0.026	0.039	0.088	15
16	0.034	0.055	0.078	0.351	0.233	0.104	0.082	0.048	0.041	0.025	0.038	0.087	16
17	0.036	0.051	0.078	0.368	0.252	0.099	0.081	0.041	0.039	0.025	0.039	0.087	17
18	0.037	0.052	0.084	0.350	0.238	0.100	0.083	0.038	0.033	0.027	0.047	0.087	18
19	0.038	0.050	0.085	0.378	0.212	0.098	0.081	0.038	0.038	0.182	0.038	0.082	19
20	0.039	0.058	0.084	0.378	0.207	0.093	0.080	0.038	0.033	0.048	0.040	0.083	20
21	0.038	0.061	0.078	0.372	0.202	0.088	0.085	0.038	0.032	0.041	0.131	0.178	21
22	0.038	0.071	0.082	0.348	0.187	0.082	0.087	0.038	0.030	0.134	0.082	0.107	22
23	0.038	0.081	0.083	0.334	0.184	0.088	0.087	0.034	0.028	0.083	0.080	0.081	23
24	0.038	0.107	0.084	0.338	0.188	0.081	0.088	0.038	0.024	0.071	0.080	0.080	24
25	0.037	0.102	0.088	0.343	0.188	0.077	0.087	0.038	0.026	0.089	0.080	0.140	25
26	0.041	0.093	0.158	0.363	0.200	0.087	0.085	0.038	0.024	0.092	0.082	0.088	26
27	0.040	0.088	0.726	0.363	0.178	0.085	0.049	0.037	0.023	0.081	0.083	0.083	27
28	0.038	0.088	0.717	0.382	0.188	0.080	0.052	0.038	0.027	0.048	0.083	0.072	28
29	0.037	0.084	0.431	0.354	0.170	0.078	0.052	0.037	0.028	0.045	0.188	0.105	29
30	0.037		0.370	0.378	0.182	0.081	0.051	0.042	0.028	0.044	0.084	0.071	30
31	0.038		0.378		0.187		0.052	0.035		0.040		0.089	31
TOTAL	1.116	1.713	4.853	11.277	7.883	3.240	1.939	1.283	0.883	1.383	1.595	3.258	TOTAL
MEAN	0.036	0.059	0.157	0.378	0.257	0.108	0.063	0.041	0.032	0.044	0.052	0.073	MEAN
MAX	0.041	0.107	0.726	0.487	0.401	0.183	0.089	0.052	0.042	0.183	0.188	0.178	MAX
MIN	0.031	0.040	0.078	0.334	0.182	0.077	0.049	0.034	0.023	0.024	0.036	0.087	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.108
MAXIMUM DAILY, 0.726 ON MAR 27
MINIMUM DAILY, 0.023 ON SEP 27
MAXIMUM INSTANTANEOUS,
1.88 AT 19:00 AST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 34 N
LONG 63 33 29 W
DRAINAGE AREA, 5.89 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88.3	JUL	188
FEB	148	AUG	111
MAR	418	SEP	82.3
APR	974	OCT	117
MAY	888	NOV	138
JUN	280	DEC	195

TOTAL DISCHARGE, 3 418 dam³

MONTAGUE RIVER NEAR HEAD OF MONTAGUE - STATION NO. 01CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.805	---	---	---	1.28	0.888	0.803	0.448	---	0.800	1.28	1
2	0.817	0.888	0.888	2.83	2.87	1.17	0.847	0.823	0.448	---	0.818	1.30	2
3	---	0.848	0.808	---	---	1.18	0.788	0.477	0.498	0.477	1.01	---	3
4	0.8008	0.7408	0.888	2.90	2.78	1.04	0.888	0.488	0.448	0.487	0.888	---	4
5	0.888	---	---	3.23	3.18	1.04	0.872	0.448	0.841	0.888	0.818	1.32	5
6	0.8808	---	---	3.13	3.01	1.20	0.847	0.804	0.448	0.832	---	1.28	6
7	---	---	0.887	3.13	---	1.08	0.888	---	---	0.804	1.08	1.30	7
8	---	---	0.858	3.14	---	1.04	---	0.448	0.430	---	0.858	1.28	8
9	---	---	0.851	---	2.73	0.988	0.830	0.448	0.430	---	0.843	1.23	9
10	---	0.848	---	---	2.80	0.958	---	0.448	---	---	0.818	---	10
11	0.8708	0.886	0.882	3.78	2.81	0.818	0.888	0.430	---	0.877	---	---	11
12	---	0.8888	---	3.47	2.47	0.880	0.841	---	0.448	0.841	---	1.18	12
13	0.851	---	---	3.23	2.28	0.872	0.841	0.488	---	0.487	---	1.18	13
14	0.888	---	0.843	3.11	---	0.788	0.823	0.448	---	0.430	1.11	1.13	14
15	---	0.848	0.843	2.88	---	0.838	0.888	0.410	0.823	---	0.843	1.23	15
16	---	0.773	0.843	---	1.88	0.788	0.841	0.872	0.487	---	---	1.13	16
17	---	0.842	0.831	---	2.07	0.740	0.448	0.823	---	0.430	0.880	---	17
18	0.818	0.8108	0.812	2.89	1.84	0.888	0.858	0.504	---	0.448	1.08	---	18
19	0.888	0.701	---	3.20	1.88	0.781	0.823	0.467	0.488	0.841	---	1.08	19
20	0.872	---	---	2.88	1.58	0.758	0.888	0.513	0.474	3.48	---	---	20
21	0.872	---	0.812	3.35	1.88	0.740	0.488	0.487	0.504	0.888	2.28	1.23	21
22	0.888	0.851	0.782	3.08	1.82	0.888	0.830	---	---	---	1.23	---	22
23	---	0.787	0.773	---	1.48	0.758	---	0.504	---	---	1.11	1.18	23
24	---	---	0.787	---	1.41	0.788	---	0.487	---	0.888	1.13	---	24
25	0.830	0.878	0.787	2.87	1.43	0.788	0.781	0.448	---	1.08	1.18	---	25
26	0.885	0.810	---	3.17	1.28	0.868	0.812	0.371	0.448	0.875	---	---	26
27	0.881	---	---	2.81	1.30	0.788	0.838	0.448	0.430	0.843	---	---	27
28	0.802	---	3.20	2.81	1.28	0.788	0.812	0.448	0.487	0.818	1.88	1.10	28
29	0.8858	0.802	2.98	2.81	1.18	0.718	0.888	0.448	0.487	---	1.88	---	29
30	---		2.81	---	1.17	0.872	0.487	0.718	0.487	---	1.28	1.08	30
31	---		2.84		1.24		---	0.804		0.818		---	31
TOTAL	---	---	---	---	---	28.838	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.888	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	1.28	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	0.872	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 09 18 N
LONG 63 43 34 W
DRAINAGE AREA, 44.4 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	2 330	DEC	---

MORELL RIVER AT BANGOR - STATION NO. 01CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.288	2.288	6.808	10.7	11.7	3.44	4.26	1.68	1.70	1.15	3.46	7.08	1
2	2.288	2.208	4.908	11.4	9.67	3.38	4.81	1.47	1.81	1.33	4.08	6.88	2
3	2.228	2.608	4.408	11.8	10.3	3.22	3.83	1.38	1.84	1.38	5.70	5.31	3
4	2.178	3.158	4.058	13.3	10.8	2.84	2.88	1.28	1.38	1.27	5.04	4.87	4
5	2.138	4.008	3.788	15.0	13.8	2.81	2.47	1.34	1.27	2.15	4.28	4.80	5
6	2.088	3.608	3.858	12.8	10.4	2.84	2.10	1.40	1.52	3.38	3.86	4.158	6
7	2.028	3.838	3.51	12.5	8.78	2.84	1.84	1.30	1.50	3.13	4.04	3.84	7
8	1.998	3.258	3.23	12.8	7.81	2.88	1.84	1.35	1.33	2.80	3.98	3.93	8
9	1.868	3.008	3.208	14.4	6.78	2.41	1.68	1.38	1.07	2.87	3.78	3.86	9
10	1.808	3.408	3.18	16.4	6.04	2.33	1.72	1.24	1.20	2.80	3.81	3.638	10
11	1.678	3.288	3.77	17.1	5.85	2.30	1.83	1.28	1.47	2.42	3.88	3.468	11
12	1.618	3.108	3.958	13.1	5.52	2.15	1.81	1.23	1.58	3.34	3.84	3.308	12
13	1.778	3.008	3.808	10.4	5.32	1.87	1.70	1.17	1.53	2.44	3.22	3.188	13
14	1.738	2.818	3.37	8.11	4.86	1.87	1.67	1.21	1.67	2.08	3.89	3.068	14
15	1.708	2.838	3.10	8.37	4.48	1.85	1.86	1.36	1.51	2.36	4.09	2.998	15
16	1.888	3.408	3.02	7.78	4.18	1.78	1.87	3.28	1.80	2.33	3.78	2.86	16
17	1.668	4.808	2.81	7.80	4.71	1.75	1.71	3.45	1.62	2.08	3.50	2.958	17
18	1.638	4.408	2.898	7.80	5.10	2.48	1.87	2.80	1.38	1.98	4.13	3.158	18
19	1.858	4.008	2.88	8.80	4.77	2.34	1.80	2.44	1.68	18.7 A	4.02	3.078	19
20	2.288	3.808	2.88	11.4	4.34	1.88	1.88	1.88	1.92	14.4 A	3.58	2.928	20
21	2.178	5.808	2.81	14.4	3.88	1.70	1.84	1.87	1.77	11.4	8.78	3.128	21
22	2.028	5.208	2.828	13.6	3.67	1.77	1.78	2.28	1.87	8.33	10.6	3.48	22
23	1.808	4.808	2.898	12.5	3.43	1.85	1.88	2.05	1.80	11.1	7.88	3.20	23
24	1.778	5.308	2.89	11.3	3.38	1.84	1.78	1.82	1.85	10.8	6.74	3.00	24
25	1.888	5.408	2.78	10.8	3.22	1.78	2.83	1.83	1.41	8.48	5.81	3.88	25
26	2.808	7.408	3.03	11.8	3.81	2.28	2.47	1.48	1.18	8.84	4.78	3.88	26
27	4.008	8.888	5.08	11.1	3.48	2.80	2.18	1.50	1.04	9.83	4.34	3.31	27
28	3.308	8.888	17.8	10.7	3.14	2.84	2.00	1.33	1.23	8.89	8.18	3.42	28
29	2.708	8.808	15.9	10.3	2.88	2.88	1.83	1.21	1.80	6.38	11.0	3.84	29
30	2.428		12.4	12.7	2.70	2.61	1.83	1.88	1.61	4.22	8.81	3.488	30
31	2.338		10.6		2.88		1.87	1.84		3.71		3.008	31
TOTAL	66.84	126.10	153.48	384.48	188.83	71.85	86.01	82.18	44.87	181.28	182.87	114.88	TOTAL
MEAN	2.12	4.31	4.95	11.6	6.09	2.38	2.13	1.88	1.48	4.88	5.10	3.71	MEAN
MAX	4.00	8.30	17.8	18.4	18.8	3.44	4.81	3.45	1.92	18.7	11.0	7.08	MAX
MIN	1.83	2.20	2.88	7.80	2.70	1.70	1.84	1.17	1.04	1.15	3.32	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.21
MAXIMUM DAILY, 18.8 ON MAY 4
MINIMUM DAILY, 1.04 ON SEP 27
MAXIMUM INSTANTANEOUS,
20.8 AT 07:12 AST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 40 N
LONG 82 42 02 W
DRAINAGE AREA, 147 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 880	JUL	5 700
FEB	10 800	AUG	4 510
MAR	13 300	SEP	3 880
APR	30 600	OCT	13 100
MAY	16 300	NOV	13 200
JUN	6 180	DEC	9 940

TOTAL DISCHARGE, 133 000 dam³

WEST RIVER AT RIVERDALE - STATION NO. 01CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.701	1.87	3.15	1
2	---	---	---	---	---	---	---	---	---	0.678	1.87	3.14	2
3	---	---	---	---	---	1.81A	---	---	---	0.701	2.03	2.91	3
4	---	---	---	---	---	---	---	---	---	0.686	1.82	2.72	4
5	---	---	---	0.703A	---	---	---	---	---	0.883	1.89	2.51	5
6	---	---	---	---	---	---	---	---	---	1.04	1.85	2.30	6
7	---	---	---	---	---	---	---	---	---	0.875	1.84	2.15	7
8	---	---	---	---	---	---	---	---	---	0.807	1.86	2.13	8
9	---	---	---	---	---	---	---	---	---	1.00	1.87	1.98	9
10	---	---	---	---	---	---	---	---	---	0.946	1.88	1.83	10
11	---	---	---	---	3.83A	---	---	---	---	1.17	1.87	1.778	11
12	---	---	---	---	---	---	---	---	---	1.31	1.88	1.708	12
13	---	---	---	---	---	---	---	---	---	1.13	1.88	1.838	13
14	---	---	---	---	---	---	---	---	---	1.12	1.88	1.858	14
15	---	---	---	---	---	---	---	---	---	1.13	1.74	1.80	15
16	---	---	---	---	---	---	---	---	---	1.05	1.82	1.48	16
17	---	---	---	---	---	---	---	---	---	0.991	1.83	1.448	17
18	---	---	---	---	---	---	0.881A	---	---	0.888	1.83	1.398	18
19	---	---	---	---	---	---	---	---	---	1.34	1.84	1.348	19
20	---	---	---	---	---	---	---	---	---	4.83	1.88	1.308	20
21	---	---	---	---	---	---	---	---	0.887A	2.70	2.88	2.03	21
22	---	---	---	---	---	---	---	---	0.687	3.86	3.10	2.34	22
23	---	---	---	---	---	---	---	---	0.705	4.75	3.71	1.39	23
24	---	---	---	---	---	---	---	---	0.888	3.87	2.85	1.31	24
25	---	---	---	---	---	---	---	---	0.873	3.80	2.88	1.47	25
26	---	---	---	---	---	---	---	---	0.882	3.07	2.42	1.81	26
27	---	---	---	---	---	---	---	---	0.872	2.71	2.28	1.33	27
28	---	---	---	---	---	---	---	---	0.773	2.48	2.77	1.34	28
29	---	---	---	---	---	---	---	---	0.818	2.40	3.04	2.14	29
30	---		---	---	---	---	---	---	0.718	2.19	3.17	1.788	30
31	---		0.843A		---		---	---		2.05		1.358	31
TOTAL	---	---	---	---	---	---	---	---	---	55.448	83.03	58.08	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	1.79	2.10	1.87	MEAN
MAX	---	---	---	---	---	---	---	---	---	4.75	3.94	3.15	MAX
MIN	---	---	---	---	---	---	---	---	---	0.678	1.48	1.30	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 13 50 N
LONG 63 21 07 W
DRAINAGE AREA, 70.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	4 780
MAY	---	NOV	5 480
JUN	---	DEC	5 020

WILMOT RIVER NEAR WILMOT VALLEY - STATION NO. 01CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.718	0.881	1.20	3.48	2.80	1.23	0.748	0.483	0.438	0.370	0.585	0.888	1
2	0.648	0.881	1.18	3.45	3.43	1.17	0.704	0.488	0.427	0.362	0.648	0.884	2
3	0.685	0.848	1.14	3.48	2.86	1.12	0.673	0.478	0.424	0.350	0.683	0.840	3
4	0.678	0.885	1.10	3.03	3.43	1.08	0.881	0.478	0.400	0.357	0.638	0.818	4
5	0.685	1.00 B	1.08	2.58	2.50	1.10	0.833	0.493	0.438	0.488	0.804	0.778	5
6	0.630	0.850B	1.04	2.88	2.34	1.11	0.837	0.484	0.420	0.488	0.811	0.748	6
7	0.610B	0.900B	1.01	3.05	2.24	1.05	0.817	0.473	0.408	0.388	0.838	0.788	7
8	0.588B	0.858B	0.886	2.87	2.11	1.01	0.886	0.483	0.408	0.382	0.832	0.737	8
9	0.578	0.810E	0.858	3.18	2.05	0.988	0.886	0.481	0.384	0.413	0.812	0.724	9
10	0.563	0.740E	0.870	5.04	1.88	0.978	0.831	0.478	0.384	0.419	0.884	0.884	10
11	0.618	0.700E	0.881	4.10	1.80	0.950	0.887	0.488	0.388	0.481	0.807	0.888	11
12	0.611	0.880E	0.832	3.07	1.80	0.918	0.888	0.488	0.388	0.488	0.888	0.850	12
13	0.618	0.630E	0.881	3.01	1.80	0.874	0.888	0.487	0.481	0.428	0.870	0.843	13
14	0.611	0.588E	0.858	2.88	1.74	0.862	0.847	0.488	0.393	0.387	0.835	0.830	14
15	0.610B	0.588E	0.849	2.89	1.87	0.884	0.884	0.801	0.388	0.400	0.814	0.828	15
16	0.488B	0.550E	0.852	2.88	1.81	0.840	0.837	0.831	0.378	0.385	0.877	0.828	16
17	0.481	1.30 E	0.808	2.84	1.78	0.788	0.826	0.484	0.388	0.388	0.871	0.805	17
18	0.478	0.830E	0.788	2.48	1.70	0.888	0.837	0.481	0.382	0.388	0.828	0.820	18
19	0.547	0.748A	0.781	2.71	1.87	0.814	0.831	0.485	0.400	0.407	0.888	0.888	19
20	0.582	0.682	0.783	2.89	1.81	0.778	0.826	0.448	0.383	2.24	0.883	0.888	20
21	0.887	1.38	0.784	2.71	1.48	0.788	0.820	0.485	0.383	0.735	0.882	0.830	21
22	0.881	1.28	0.731	2.82	1.40	0.748	0.843	0.483	0.382	0.893	1.01	0.857	22
23	0.838	1.20	0.882	2.81	1.37	0.782	0.827	0.443	0.388	1.88	0.736	0.824	23
24	0.831	1.78	0.882	2.88	1.36	0.780	0.831	0.438	0.380	1.01	0.708	0.804	24
25	0.821	1.84	0.748	2.78	1.33	0.710	0.831	0.438	0.347	0.788	0.880	1.18	25
26	0.812	1.42	1.21	2.80	1.48	0.772	0.807	0.447	0.348	0.718	0.884	0.838	26
27	0.844	1.33	9.18	2.88	1.33	0.882	0.488	0.445	0.348	0.883	0.873	0.848	27
28	0.884	1.28	14.2	2.84	1.22	0.848	0.830	0.445	0.414	0.881	0.882	0.880	28
29	0.884	1.21	5.11	2.73	1.31	0.887	0.808	0.431	0.428	0.841	1.87	1.08	29
30	0.880		3.81	2.82	1.15	0.704	0.487	0.482	0.372	0.818	0.847	0.883	30
31	0.888		3.38		1.23		0.482	0.448		0.888		0.873	31
TOTAL	17.443	28.423	89.418	91.41	58.04	28.811	17.885	14.848	11.708	18.878	20.874	22.871	TOTAL
MEAN	0.883	0.880	1.92	3.05	1.81	0.387	0.871	0.488	0.380	0.802	0.888	0.738	MEAN
MAX	0.718	1.78	14.2	5.04	3.43	1.23	0.748	0.831	0.438	2.24	1.87	1.18	MAX
MIN	0.478	0.880	0.882	2.48	1.18	0.848	0.487	0.431	0.348	0.380	0.883	0.888	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 14.2 ON MAR 26
MINIMUM DAILY, 0.348 ON SEP 28
MAXIMUM INSTANTANEOUS,
24.3 AT 01:30 AST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 35 N
LONG 63 35 35 W
DRAINAGE AREA, 46.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 810	JUL	1 630
FEB	2 480	AUG	1 280
MAR	5 130	SEP	1 010
APR	7 900	OCT	1 810
MAY	4 640	NOV	1 810
JUN	2 900	DEC	1 980

TOTAL DISCHARGE, 33 300 dam³

WINTER RIVER AT BRACKLEY WELLS PUMPING STATION - STATION NO. 01CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.022	0.032	0.081	0.481	0.343	0.094	0.044	0.002	0.002	0.002	0.004	0.130	1
2	0.022	0.048	0.088	0.886	0.294	0.080	0.044	0.002	0.002	0.001	0.005	0.090	2
3	0.021	0.071	0.082	0.533	0.425	0.074	0.023	0.002	0.002	0.001	0.018	0.081	3
4	0.021	0.078	0.090	0.884	0.783	0.071	0.017	0.002	0.002	0.001	0.024	0.080	4
5	0.021	0.078	0.076	0.882	0.317	0.070	0.014	0.002	0.002	0.002	0.012	0.077	5
6	0.018	0.087	0.075	0.478	0.282	0.088	0.012	0.002	0.002	0.003	0.018	0.073	6
7	0.018	0.048	0.073	0.886	0.288	0.084	0.010	0.002	0.002	0.002	0.031	0.075	7
8	0.018	0.044	0.088	0.806	0.258	0.083	0.008	0.002	0.002	0.003	0.038	0.074	8
9	0.018	0.043	0.083	0.898	0.242	0.082	0.007	0.002	0.001	0.003	0.022	0.088	9
10	0.018	0.043	0.087	0.788	0.204	0.082	0.006	0.002	0.002	0.003	0.027	0.088	10
11	0.017	0.042	0.078	0.812	0.188	0.080	0.005	0.002	0.002	0.003	0.038	0.083	11
12	0.018	0.041	0.088	0.388	0.185	0.048	0.005	0.002	0.002	0.008	0.038	0.088	12
13	0.018	0.048	0.081	0.324	0.177	0.044	0.004	0.002	0.002	0.004	0.038	0.087	13
14	0.014	0.051	0.088	0.328	0.188	0.042	0.003	0.002	0.002	0.003	0.078	0.088	14
15	0.013	0.048	0.088	0.318	0.180	0.038	0.003	0.002	0.002	0.002	0.088	0.088	15
16	0.014	0.080	0.084	0.301	0.158	0.033	0.003	0.004	0.002	0.002	0.088	0.083	16
17	0.014	0.118	0.048	0.338	0.188	0.030	0.003	0.003	0.002	0.002	0.044	0.048	17
18	0.014	0.108	0.047	0.328	0.400	0.038	0.003	0.002	0.001	0.002	0.057	0.050	18
19	0.017	0.088	0.047	0.482	0.187	0.032	0.002	0.002	0.002	0.003	0.088	0.044	19
20	0.017	0.077	0.048	0.441	0.181	0.031	0.002	0.002	0.002	0.848	0.044	0.043	20
21	0.018	0.124	0.048	0.488	0.188	0.028	0.002	0.002	0.002	0.172	0.128	0.088	21
22	0.021	0.153	0.041	0.404	0.140	0.024	0.003	0.002	0.002	0.021	0.208	0.082	22
23	0.023	0.158	0.037	0.418	0.134	0.028	0.003	0.002	0.002	0.888	0.130	0.048	23
24	0.024	0.187	0.037	0.473	0.127	0.024	0.002	0.002	0.001	0.210	0.073	0.043	24
25	0.023	0.178	0.040	0.482	0.124	0.021	0.003	0.002	0.002	0.019	0.088	0.083	25
26	0.033	0.184	0.082	0.431	0.178	0.024	0.002	0.002	0.001	0.008	0.084	0.070	26
27	0.048	0.118	0.278	0.388	0.148	0.028	0.002	0.002	0.001	0.006	0.082	0.088	27
28	0.057	0.107	0.8538	0.374	0.108	0.028	0.002	0.002	0.001	0.004	0.081	0.047	28
29	0.057	0.088	0.8208	0.353	0.088	0.022	0.002	0.002	0.002	0.003	0.230	0.057	29
30	0.050		0.441	0.817	0.081	0.021	0.002	0.002	0.002	0.002	0.187	0.084	30
31	0.041		0.381		0.087		0.002	0.002		0.003		0.044	31
TOTAL	0.748	2.488	4.483	13.884	8.737	1.301	0.243	0.085	0.054	1.811	1.885	1.883	TOTAL
MEAN	0.024	0.088	0.144	0.482	0.217	0.043	0.008	0.002	0.002	0.082	0.088	0.083	MEAN
MAX	0.057	0.178	0.852	0.788	0.783	0.094	0.044	0.004	0.002	0.848	0.230	0.130	MAX
MIN	0.013	0.032	0.037	0.301	0.081	0.021	0.002	0.002	0.001	0.001	0.004	0.043	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 0.8538 ON MAR 28
MINIMUM DAILY, 0.001 ON SEP 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 54 N
LONG 63 08 48 W
DRAINAGE AREA, 4.82 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	84.4	JUL	31.0
FEB	215	AUG	5.83
MAR	386	SEP	4.87
APR	1 200	OCT	185
MAY	582	NOV	170
JUN	112	DEC	169

TOTAL DISCHARGE, 3 080 dam³

REMARKS - EXTREME HIGH FLOWS BYPASS THE GAUGE

WINTER RIVER NEAR SUFFOLK - STATION NO. 01CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.380	0.388E	1.23 E	2.41	2.44	1.04	0.592	0.276	0.204	0.184	0.381	0.825	1
2	0.378	0.480E	1.24 E	2.86	2.08	0.898	0.526	0.273	0.205	0.184	0.432	0.789	2
3	0.383	0.520E	1.16 E	3.16	2.14	0.845	0.495	0.267	0.212	0.167	0.503	0.737	3
4	0.381	0.600E	1.14 E	3.48	2.81	0.786	0.411	0.268	0.201	0.180	0.455	0.713	4
5	0.394	0.640E	1.12 E	3.94	2.85	0.778	0.372	0.272	0.212	0.232	0.436	0.680	5
6	0.384	0.570E	1.10 E	3.14	2.24	0.804	0.345	0.288	0.190	0.230	0.424	0.676	6
7	0.324	0.510E	1.08 A	3.31	2.08	0.753	0.335	0.262	0.188	0.184	0.488	0.680	7
8	0.313	0.470E	1.08 A	3.85	1.89	0.708	0.353	0.275	0.180	0.187	0.481	0.684	8
9	0.384	0.455E	1.08 A	3.28	1.84	0.710	0.337	0.288	0.171	0.218	0.484	0.638	9
10	0.395	0.445E	1.00 E	4.19	1.73	0.718	0.363	0.280	0.189	0.213	0.394	0.808	10
11	0.338	0.432A	0.900E	3.77	1.87	0.698	0.335	0.264	0.190	0.238	0.476	0.586	11
12	0.335	0.425E	0.800E	2.84	1.88	0.640	0.324	0.280	0.173	0.243	0.472	0.544	12
13	0.345	0.415E	0.700E	2.44	1.84	0.615	0.305	0.217	0.195	0.217	0.460	0.563	13
14	0.346	0.500E	0.650E	2.39	1.81	0.604	0.314	0.224	0.217	0.208	0.548	0.571	14
15	0.342E	0.478E	0.623A	2.34	1.38	0.597	0.323	0.248	0.195	0.222	0.526	0.547	15
16	0.335E	0.460E	0.617	2.23	1.31	0.587	0.318	0.483	0.190	0.210	0.539	0.544	16
17	0.322E	0.810E	0.585	2.21	1.81	0.522	0.336	0.361	0.177	0.220	0.481	0.530	17
18	0.310E	0.810E	0.561	2.36	2.86	0.633	0.301	0.295	0.182	0.224	0.533	0.598	18
19	0.362E	0.730E	0.531	2.61	2.08	0.541	0.287	0.254	0.231	0.259	0.518	0.515	19
20	0.377E	0.670E	0.546	2.90	1.48	0.486	0.303	0.212	0.222	2.37	0.491	0.481	20
21	0.363E	0.800E	0.586	3.34	1.35	0.454	0.302	0.218	0.213	2.60	0.751	0.508	21
22	0.351E	1.02 E	0.532	3.03	1.28	0.448	0.358	0.272	0.198	0.848	1.37	0.833	22
23	0.340E	1.60 E	0.494	2.66	1.20	0.603	0.328	0.210	0.177	1.83	0.884	0.828	23
24	0.330E	1.72 E	0.495	2.78	1.17	0.490	0.318	0.204	0.182	1.80	0.886	0.675	24
25	0.320E	1.80 E	0.488	2.86	1.22	0.428	0.347	0.210	0.187	0.892	0.894	0.822	25
26	0.400E	1.47 E	0.526	2.73	1.34	0.511	0.318	0.218	0.187	0.804	0.882	0.888	26
27	0.480E	1.36 E	1.17	2.88	1.26	0.511	0.280	0.222	0.171	0.682	0.868	0.882	27
28	0.525E	1.27 E	4.03	2.40	1.08	0.508	0.304	0.201	0.194	0.428	0.881	0.808	28
29	0.480E	1.22 E	4.76	2.28	0.826	0.495	0.286	0.201	0.183	0.443	1.58	0.617	29
30	0.445E		3.16	2.67	0.781	0.483	0.287	0.228	0.173	0.448	1.42	0.560	30
31	0.420E		2.35		0.888		0.300	0.233		0.404		0.477	31
TOTAL	11.488	22.882	36.356	87.14	51.705	18.787	10.818	7.888	5.737	16.883	18.898	18.548	TOTAL
MEAN	0.370	0.788	1.17	2.90	1.67	0.626	0.349	0.254	0.191	0.545	0.823	0.598	MEAN
MAX	0.525	1.72	4.76	4.19	3.81	1.04	0.626	0.483	0.231	2.60	1.58	0.825	MAX
MIN	0.310	0.388	0.484	2.21	0.781	0.428	0.280	0.201	0.182	0.147	0.381	0.475	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.838
MAXIMUM DAILY, 4.76 ON MAR 29
MINIMUM DAILY, 0.147 ON OCT 3
MAXIMUM INSTANTANEOUS,
6.29 AT 01:05 AST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 56 N
LONG 63 03 53 W
DRAINAGE AREA, 37.5 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	991	JUL	935
FEB	1 980	AUG	880
MAR	3 140	SEP	495
APR	7 530	OCT	1 460
MAY	4 470	NOV	1 620
JUN	1 620	DEC	1 600

TOTAL DISCHARGE, 28 500 dam³

NAME	STATION NO.	PAGE
NEWFOUNDLAND AND LABRADOR		
ALEXIS RIVER NEAR PORT HOPE SIMPSON	03OC002	1
ASHUANIPI RIVER AT MENIHEK RAPIDS	03BA001	1
ATIKONAK RIVER AT GABERO LAKE	03BC004	2
ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE	03BD004	2
BARTLETTS RIVER NEAR ST. ANTHONY	02YA002	3
BAY DU NORD RIVER AT BIG FALLS	02ZF001	3
BIG BROOK AT LEAD COVE	02ZL005	4
BLANCHE BROOK NEAR STEPHENVILLE	02YJ002	4
BOOT BROOK AT TRANS-CANADA HIGHWAY	02YK004	5
BOTTOM CREEK NEAR ROCKY HARBOUR	02YH001	5
CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS	03BE001	6
CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE	03BD005	6
CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS	03BE007	7
CHURCHILL RIVER AT GRIZZLE RAPIDS	03BE008	7
CHURCHILL RIVER BELOW GULL ISLAND RAPIDS	03BE006	8
CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS	03BE005	8
COME BY CHANCE RIVER NEAR GOOBIES	02ZH002	9
CORNER BROOK AT WATSONS BROOK POWERHOUSE	02YL002	9
DEER LAKE AT DEER LAKE	02YL007	10
DEER LAKE NEAR PASADENA	02YL005	10
EAGLE RIVER ABOVE FALLS	03OC001	11
EXPLOITS RIVER AT GRAND FALLS	02YD001	11
EXPLOITS RIVER BELOW NOEL PAULS BROOK	02YD011	12
EXPLOITS RIVER BELOW STONY BROOK	02YD005	12
GANDER RIVER AT BIG CHUTE	02YO001	13
GARNISH RIVER NEAR GARNISH	02ZE001	13
GLIDE BROOK BELOW GLIDE LAKE	02YK007	14
GRAND LAKE AT MAIN DAM	02YK008	14
GRAND LAKE EAST OF GRAND BROOK	02YK010	16
GRANDY BROOK BELOW TOP POND BROOK	02ZC002	16
GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE	02YD008	16
GREAVETT BROOK ABOVE PORTLAND CREEK POND	02YE001	16
GREY RIVER NEAR GREY RIVER	02ZD002	17
HARRYS RIVER BELOW HIGHWAY BRIDGE	02YJ001	17
HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY	02ZA002	18
HINDS BROOK AT HINDS BROOK POWER HOUSE	02YK005	18
HUMBER RIVER AT GRAND LAKE OUTLET	02YK001	18
HUMBER RIVER AT HUMBER VILLAGE BRIDGE	02YL003	18
INDIAN BAY BROOK NEAR NORTHWEST ARM	02YR003	20
INDIAN BROOK AT INDIAN FALLS	02YN001	20
ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE	02ZB001	21
JUNCTION BROOK NEAR BADGER	02YD010	21
KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE	03NE001	22
LEARY BROOK AT PRINCE PHILIP DRIVE	02ZN020	22
LEARY BROOK AT ST. JOHN'S	02ZN017	23
LEECH BROOK NEAR GRAND FALLS	02YD007	23
LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE	02YK002	24
LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S	02ZA001	24
LITTLE BARACHOIS RIVER NEAR PLACENTIA	02ZK003	25
LITTLE BARASWAY BROOK NEAR MOLLIERS	02ZE005	25
LITTLE CODROY RIVER NEAR DOYLES	02ZA003	25
LITTLE MECATINA RIVER ABOVE LAC FOURMONT	03XA003	26
LITTLE SALMONIER RIVER NEAR NORTH HARBOUR	02ZK004	27
LLOYDS RIVER BELOW KING GEORGE IV LAKE	02YN003	27
MAIN RIVER AT PARADISE POOL	02YS001	28
MIDDLE ARM BROOK BELOW FLATWATER POND	02YE002	28
MIDDLE BROOK NEAR SAMBO	02YR001	28
MINIPI RIVER BELOW MINIPI LAKE	03BE003	28
MOBILE RIVER AT MOBILE FIRST POND	02ZM003	30
NASKAUPI RIVER BELOW NASKAUPI LAKE	03PB003	30
NORTH BROOK NEAR RED BAY	02XB002	31
NORTHEAST BROOK NEAR RODDICKTON	02YD002	31
NORTHEAST POND RIVER AT NORTHEAST POND	02ZM006	32
NORTHEAST RIVER NEAR PLACENTIA	02ZK002	32
NORTHWEST BROOK AT NORTHWEST POND	02ZB001	33
NORTHWEST GANDER RIVER NEAR GANDER LAKE	02YO004	33
PETERS RIVER NEAR SOTWOOD	02YB006	34
PETTY HARBOUR RIVER AT SECOND POND	02ZM001	34
PIERRES BROOK AT GULL POND	02ZM002	35
PINCHGUT BROOK AT OUTLET OF PINCHGUT LAKE	02YJ003	35
PIPERS HOLE RIVER AT MOTHERS BROOK	02ZH001	36
RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR	02YR002	36
RATTLE BROOK NEAR BOAT HARBOUR	02ZE004	37
RATTLER BROOK NEAR MCIVERS	02YL006	37
RATTLING BROOK AT RATTLING BROOK POWERHOUSE	02YB003	38
RAYMOND BROOK AT THE OUTLET OF BAY BULLS BIG POND	02ZM022	38
RIVIERE JOIR NEAR PROVINCIAL BOUNDARY	03XA004	38
ROCKY RIVER NEAR COLINET	02ZK001	39
SALMON COVE RIVER NEAR CHAMPNEYS	02ZJ002	40
SALMON RIVER AT BAY D'ESPOIR POWERHOUSE	02ZE003	40
SALMON RIVER NEAR GLENWOOD	02YO005	41
SALMONIER RIVER NEAR LAMALINE	02ZE003	41
SANDY BROOK AT SANDY BROOK POWERHOUSE	02YB004	42
SEAL COVE BROOK NEAR CAPPAHAYDEN	02ZM005	42
SHEARSTOWN BROOK AT SHEARSTOWN	02ZL004	43
SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY	02YK005	43
SHOAL ARM BROOK NEAR BADGER BAY	02YP001	44
SHOAL HARBOUR RIVER NEAR CLARENVILLE	02ZJ003	44
SOUTH BROOK AT PASADENA	02YL004	45
SOUTH BROOK AT PEARL TOWN ROAD	02ZN021	45
SOUTH RIVER NEAR HOLYROOD	02ZN018	46
SOUTH WEST BROOK NEAR BAIE VERTE	02YM003	46
SOUTHERN BAY RIVER NEAR SOUTHERN BAY	02ZJ001	47
SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK	02YS003	47
SOUTHWEST GANDER RIVER BELOW LARSON FALLS	02YO006	48
SPOUT COVE BROOK NEAR SPOUT COVE	02ZL003	48
ST. SHOTTS RIVER NEAR TREPASSEY	02ZN002	49
STAR BROOK BELOW STAR LAKE	02YM003	49
STE. GENEVIEVE RIVER NEAR FORRESTERS POINT	02YA001	50

NAME	STATION NO.	PAGE
TERRA NOVA RIVER AT GROVERTOWN	02YS005	50
TIDES BROOK BELOW FRESHWATER POND	02ZE002	51
TORRENT RIVER AT BRISTOL'S POOL	02YC001	51
TROUT BROOK NEAR BELLEVUE	02ZK005	52
UGJOKTOK RIVER BELOW HARP LAKE	03NF001	52
UNKNOWN RIVER AT LEWISPORTE	02YS008	53
UPPER HUMBER RIVER ABOVE BLACK BROOK	02YL006	53
UPPER HUMBER RIVER NEAR REIDVILLE	02YL001	54
VIRGINIA RIVER AT CARTWRIGHT PLACE	02ZM019	54
VIRGINIA RIVER AT PLEASANTVILLE	02ZM018	55
WATERFORD RIVER AT KILBRIDE	02ZM008	55
WATERFORD RIVER AT MOUNT PEARL	02ZM010	56
NEW BRUNSWICK		
ARGOSTOOK RIVER NEAR TINKER	01AS003	57
BARNABY RIVER BELOW BENIWAGAN RIVER	01BB002	57
BARTIBOG RIVER BELOW HIGHWAY NO. 8	01BB004	58
BASS RIVER AT BASS RIVER	01BL001	58
BECAGUIMEC STREAM AT COLDSTREAM	01AJ010	59
BIG PRESQUE ISLE STREAM AT TRACEY MILLS	01AJ004	59
BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING	01BL003	60
BURPEE MILLSTREAM NEAR PERNMOUNT	01AB009	60
CANAAN RIVER AT EAST CANAAN	01AP002	61
CASTAWAY STREAM NEAR CASTAWAY	01AN001	61
CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET	01AR012	62
COAL BRANCH RIVER AT BEERSVILLE	01BS001	62
COLD STREAM AT COLDSTREAM	01AJ011	63
DENNIS STREAM NEAR ST. STEPHEN	01AR008	63
EEL RIVER NEAR DUNDEE	01BJ012	64
EEL RIVER NEAR SCOTT SIDING	01AK008	64
FISH RIVER NEAR FORT KENT	01AE001	65
FOREST CITY STREAM BELOW FOREST CITY DAM	01AR011	65
FORTY MILE BROOK (WEST BRANCH) AT CARIBOU DEPOT	01BK008	66
FRENCH LAKE AT LAKEVILLE CORNER	01AB010	66
GRAND FALLS FLOWAGE AT GRAND FALLS	01AR013	67
GRAND LAKE AT FOREST CITY	01AR005	67
GRAND LAKE AT NEWCASTLE CREEK	01AB003	68
GRANDE RIVIERE AT VIOLETTE BRIDGE	01AF007	68
GREEN RIVER NEAR RIVIERE-VERTE	01AF003	69
HAYDEN BROOK NEAR NARROWS MOUNTAIN	01AL003	69
JACQUET RIVER NEAR DURHAM CENTRE	01BJ003	70
JEMBEG RIVER AT JEMBEG	01AB004	70
KENNEBECASIS RIVER AT APOHAQUI	01AP004	71
KINNEAR RIVER NEAR HAUTE-ABOUJAGANE	01BT001	71
KOUCHIBOUGUAC RIVER NEAR VAUTOUR	01BR001	72
LAKE UTOPIA AT CANAL	01AB008	72
LEPREAU RIVER AT LEPREAU	01AB001	73
LIMESTONE STREAM AT FOUR FALLS	01AE002	73
LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON	01BP001	74
MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC	01AQ007	74
MAGAGUADAVIC RIVER AT ELMCROFT	01AQ002	75
MAMOZEKEL RIVER NEAR CAMPBELL RIVER	01AH005	75
MEDUXNEKEAG RIVER NEAR BELLEVILLE	01AJ002	76
MIDDLE BRANCH NASHWAAKSIS STREAM AT SANDWITH'S FARM	01AK006	76
MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD	01AK005	77
MIDDLE RIVER NEAR BATHURST	01BJ010	77
NACKAWIC STREAM NEAR TEMPERANCE VALE	01AK007	78
NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN	01AL004	78
NASHWAAK RIVER AT DURHAM BRIDGE	01AL002	78
NASHWAAK RIVER AT STANLEY	01AL004	79
NEPISIGUIT RIVER AT NEPISIGUIT FALLS	01BK003	80
NEREPIS RIVER NEAR FOWLERS CORNER	01AP008	80
NIGADOO RIVER NEAR ALCIDA	01BJ011	81
NORTH BRANCH GROMOCTO RIVER AT TRACY	01AH001	81
NORTHWEST MIRAMICHI RIVER AT TROUT BROOK	01BO001	82
PETITCODIAC RIVER NEAR PETITCODIAC	01BU002	82
PISKAMEGAN STREAM NEAR PLEASANT MOUNTAIN	01AQ006	83
POINT WOLFE RIVER AT FUNDY NATIONAL PARK	01BV004	83
RENOUS RIVER AT MCGRAW BROOK	01BO002	84
RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK	01BJ007	84
RESTIGOUCHE RIVER BELOW KEDGWICK RIVER	01BC001	85
RIVIERE CARAQUET AT BURNSVILLE	01BL002	85
SAINT JOHN RIVER AT EDMUNDSTON	01AD004	86
SAINT JOHN RIVER AT FORT KENT	01AD003	86
SAINT JOHN RIVER AT FREDERICTON	01AK003	87
SAINT JOHN RIVER AT GRAND FALLS	01AF002	87
SAINT JOHN RIVER AT HARTLAND SALMON POOL	01AJ004	88
SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION	01AK001	88
SAINT JOHN RIVER AT MAUGERVILLE	01AD003	89
SAINT JOHN RIVER AT OAK POINT	01AP003	89
SAINT JOHN RIVER AT SAINT JOHN	01AP005	90
SAINT JOHN RIVER AT SIMONDS	01AJ005	90
SAINT JOHN RIVER AT THE FALLS AT GRAND FALLS	01AF006	91
SAINT JOHN RIVER BELOW MACTAQUAC	01AK004	91
SAINT JOHN RIVER NEAR EAST FLORENCEVILLE	01AJ001	92
SALMON RIVER AT CASTAWAY	01AN002	92
SHOGOMOC STREAM NEAR TRANS CANADA HIGHWAY	01AK001	93
SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE	01BO001	93
SPEDNIC LAKE AT ST. CROIX	01AR010	94
ST. CROIX RIVER AT BARING	01AR005	94
ST. CROIX RIVER AT VANCEBORO	01AR004	95
ST. FRANCIS RIVER AT OUTLET OF GLABIER LAKE	01AD003	95
TETAGOUCHE RIVER NEAR WEST BATHURST	01BJ001	96
TOBIQUE RIVER AT NARROWS	01AH004	96
TOBIQUE RIVER AT PLASTER ROCK	01AH003	97
TOBIQUE RIVER AT RILEY BROOK	01AH002	97

NAME	STATION NO.	PAGE
TURTLE CREEK AT TURTLE CREEK	01BU003	98
UPSALQUITCH RIVER AT UPSALQUITCH	01BE001	98
WALKER BROOK AT CAMPBELLTON	01BJ008	99
NOVA SCOTIA		
ANNAPOLIS RIVER AT LAWRENCETOWN	01DC007	100
ANNAPOLIS RIVER AT WILMOT	01DC008	100
BEAVERBANK RIVER NEAR KINSAC	01CS003	101
BLUE MILL BOG BROOK NEAR JORDON FALLS	01EC002	101
CANAAN RIVER AT OUTLET OF CONNAUGHT LAKE	01EH005	102
CHETICAMP RIVER ABOVE ROBERT BROOK	01FC002	102
CHETICAMP RIVER BELOW ARTEMISE BROOK	01FC003	103
CLAM HARBOUR RIVER NEAR BIRCHTOWN	01EN001	103
EAST RIVER AT ST. MARGARETS BAY	01EH003	104
FIFES BROOK NEAR MILL POND	01FJ005	104
FRASER BROOK NEAR ARCHIBALD	01DH003	105
GOLD RIVER AT MORNER'S FALLS	01EC002	105
GRAND RIVER AT LOCH LOMOND	01FH001	106
HALFWAY BROOK NEAR SHEET HARBOUR	01EN003	106
INDIAN BROOK AT INDIAN BROOK	01FE002	107
KEJIMKUJIK LAKE	01ED006	107
KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD	01BL001	108
LAHAVE RIVER AT WEST NORTHFIELD	01EF001	108
LAKE O'LAW BROOK AT EGYPT ROAD	01FB005	109
LISCOMB RIVER AT LISCOMB MILLS	01EN002	109
LITTLE SACKVILLE RIVER AT MIDDLE SACKVILLE	01EJ004	110
LITTLE WEST RIVER NEAR SHEET HARBOUR	01EM002	110
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